SERIES 6

690U

LED TV

Installation manual

imagine the possibilities

Thank you for purchasing this Samsung product. To receive more complete service, please register your product at

www.samsung.com/register

Model Serial No.

SAMSUNG

Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance. Product design and specifications may be changed without noticve.

Instruction

This TV is provided with interactive functionality through a set-back box (SBB/STB) connected to the TV, and with other TVs in a computer-controlled system for hotels and other hospitality businesses.

Interactive : When the TV is powered-up initially, it sends a command to identify the SBB/STB; if identified, theTV switches to ONLINE mode and full control is through the SBB/STB.
If the TV is in ONLINE mode, it stops receiving IR(Samsung remote) commands and acts according to interface protocol.

Stand-Alone: If SBB/STB is not identified, the TV should be switched to STAND-ALONE mode with restricted operation.

Operational Modes

When this TV (in Hotel mode) is operated with a SBB/STB, it is in one of two states:
ONLINE or STAND-ALONE. In the STAND-ALONE state, the TV will act as a Hotel TV, but without active communication. This is to prevent guests from trying to cheat the system by disconnecting the SBB/STB.

To set the details for Stand-alone or interactive mode, refer to pages "Setting the hotel option data : Stand-alone mode and Interactive mode"
Some operations may be restricted to prevents guests from "cheating" the TV system.
No main menu (Interactive mode) or Channel Menu, Plug & Play in Main Menu (Stand-Alone mode)
Limited Volume and Panel key lock or unlock

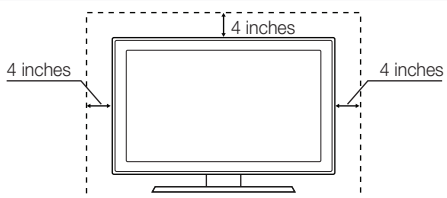
Still image warning

Avoid displaying still images (like jpeg picture files) or still image element (like TV Program logo, panorama or 4:3 image format, stock or news bar at screen bottom etc.) on the screen. Constant displaying of still picture can cause uneven wear of screen phosphor, which will affect image quality. To reduce risk of this effect, please follow below recommendations:
Avoid displaying the same TV channel for long periods.
Always try do display any image on full screen, use TV set picture format menu for best possible match.
Reduce brightness and contrast values to minimum required to achieve desired picture quality, exceeded values may speed up the burnout process.
Frequently use all TV features designed to reduce image retention and screen burnout Refer to the relevant user manual section for details.

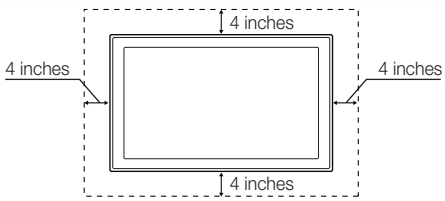
Securing the Installation Space

Keep the required distances between the product and other objects (e.g. walls) to ensure proper ventilation.
Failing to do so may result in fire or a problem with the product due to an increase in the internal temperature.
When using a stand or wall-mount, use parts provided by Samsung Electronics only.
Using parts provided by another manufacturer, it may result in a problem with the product or injuries due to the product falling.
The appearance may differ, depending on the product.

Installation with a stand.



Installation with a wall-mount.



Contents

- Instruction 2
- Operational Modes 2
- Still image warning 2
- Securing the Installation Space 2
- Accessories 4
- Installing the LED TV Stand 5
- Viewing the Connection Panel 8
- Door Eye 10
- TV Controller 11
- Viewing the Remote Control 12
- Using the Samsung Smart Control 14
- Connecting to the Network 19
- Connecting the TV with SBB 21
- Connecting the Bathroom Speakers 23
- Connecting the MediaHub HD 26
- Connecting the RJP (Remote Jack Pack) 27
- Setting the Hotel Option Data 29
- SIRCH 45
- Installing the Wall Mount 46
- Securing the TV to the Wall 47
- Anti-theft Kensington Lock 47
- Specifications 48

Accessories

– The provided accessories may vary depending on the model.

- Samsung Smart Control & Batteries (AA x 2)
- Remote Control & Batteries (AAA x 2)
- Quick Set up Guide
- Hotel Mount Kit (HONG KONG 55" include)
- Holder-Ring (Not available in some inches)
- Power Cord
- Safety Guide (Only HONG KONG)
- Service Card / Warranty Card / Flyer (Only CHINA)
- Holder-Wire Stand

– The stand and stand screw may not be included, depending on the model.

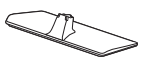
Installing the LED TV Stand

- **HD690U Model**

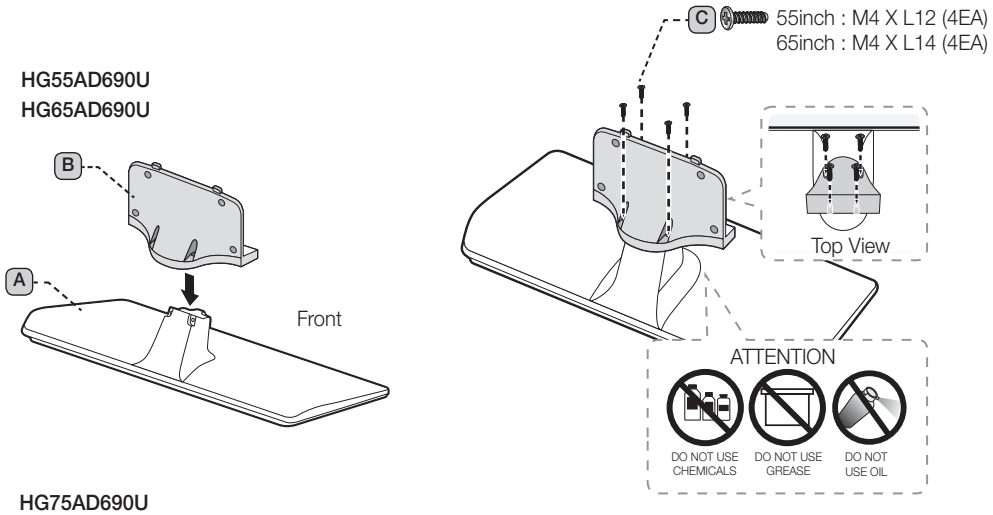
The 55", 65", 75" LED TVs have swivel stands. You can set these stands so that the TVs swivel 20 degrees left and right or 15 degrees left and right.

- **Stand Components**

When installing the stand, use the provided components and parts.
The stand may not be include, depending on the model.

A			B			C	55inch : M4 X L12 (8EA) 65inch : M4 X L12 (4EA) M4 X L14 (4EA) 75inch : M4 X L14 (9EA)
	55/65 inch	75 inch		55/65 inch	75 inch		

1



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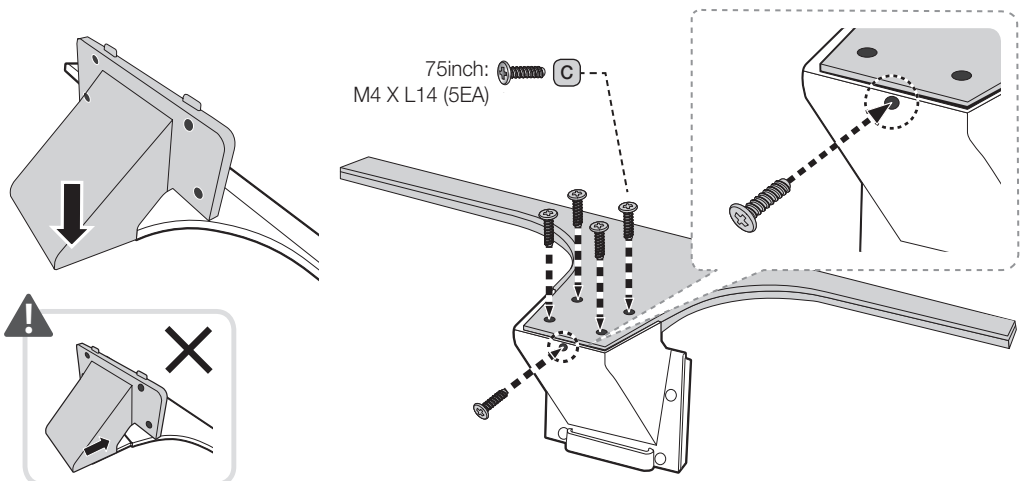
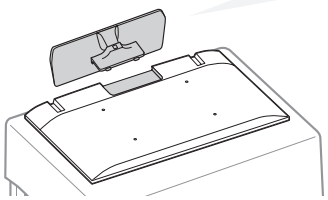
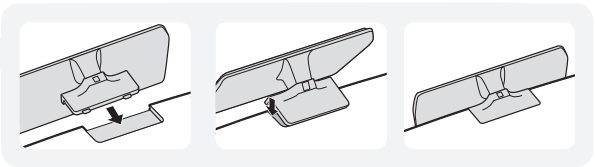


2

HG55AD690U
HG65AD690U

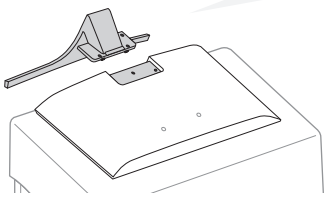


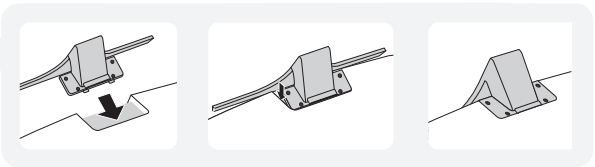


Place a soft cloth over a table to protect the TV, and then place the TV on the cloth screen side down.

✎ Insert the Stand Guide into the slot on the bottom of the TV.

HG75AD690U





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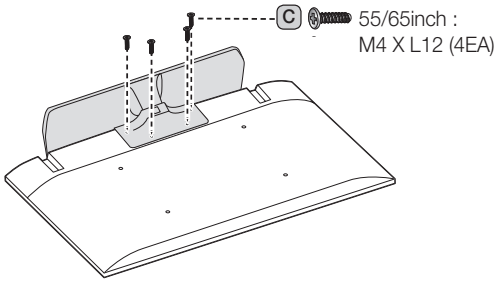
HG55AD690U
HG65AD690U



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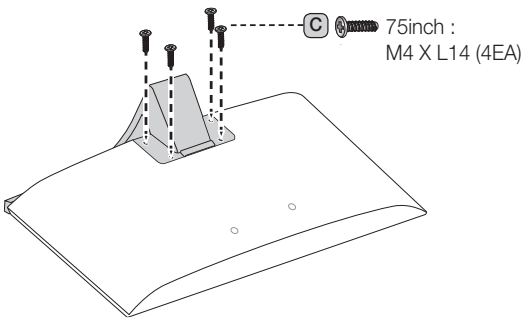

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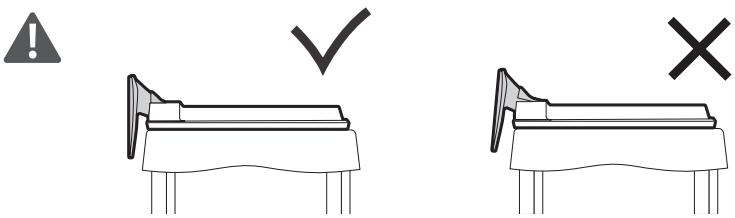
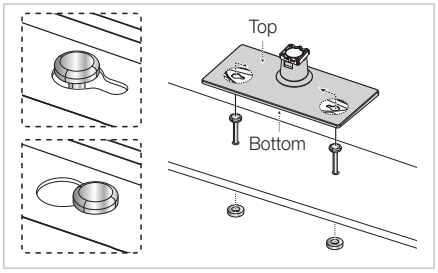


Hotel Mount Kit

				Bolt + Nut
Short Bolt (2EA)	Long Bolt (2EA)	Nut (2EA)	Washer (2EA)	

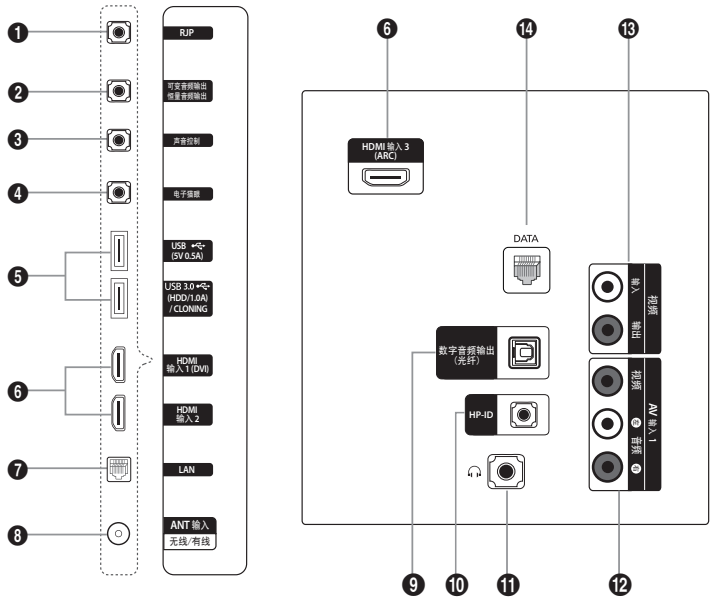


Affix the stand to a flat surface such as a dresser top, desk top, or entertainment center as shown.

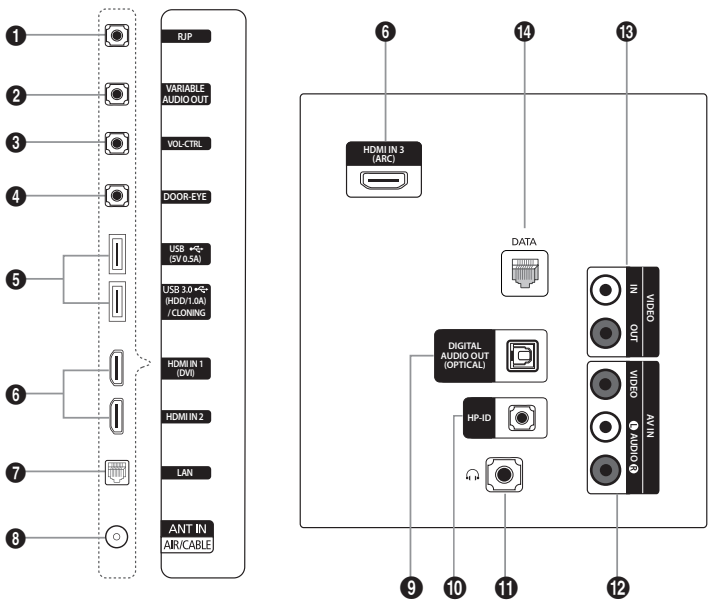
WARNING: To prevent injury, this apparatus must be securely attached to the floor/ table in accordance with the installation instructions.

Viewing the Connection Panel

<CHINA Model>
HD55AD690U**
HD65AD690U**
HD75AD690U**



<HONG KONG Model>
HD55AD690U**
HD65AD690U**



– Whenever you connect an external device to your TV, make sure that power on the unit is turned off.
– When connecting an external device, match the colour of the connection terminal to the cable.

❶ RJP: This port is an RJP (Remote Jack Pack) communication port that enables connecting different devices to additional modules so as to improve device use and convenience.

❷ VARIABLE AUDIO OUT: Used for the audio output to the Bathroom speaker. Connect the Bathroom Wall Box and the Variable port.

❸ VOL-CTRL: Used to control the volume of the Bathroom speaker. Connect the Bathroom Wall Box and the VOL-CTRL port.

❹ DOOR-EYE

❺ USB (5V 0.5A) , USB3.0(HDD 1.0A) / CLONING
- Connector for software upgrades and My Downloads, etc.
- Service connection.

❻ HDMI IN1 (DVI), 2, 3 (ARC)
- No sound connection is needed for an HDMI to HDMI connection.
- Use the HDMI IN 3(DVI) jack for DVI connection to an external device. Use a DVI to HDMI cable or DVI-HDMI adapter (DVI to HDMI) for video connection and the DVI AUDIO IN jacks for audio.

❼ LAN: Connect to a wired LAN using CAT 5 cable.

❽ ANT IN(AIR/CABLE): To view television channels correctly, a signal must be received by the set from one of the following sources: An outdoor antenna; A cable television network.

❾ DIGITAL AUDIO OUT (OPTICAL)

❿ HP-ID : Connect the cable to HP-ID and Headphone Jack simultaneously and connect it to separated Headphone Box. When connecting Headphone to Headphone Box, it works same as Headphone function.

⓫ HEADPHONE JACK
- Headphones may be connected to the headphone jack on your TV. While the headphones are connected, the soundfrom the built-in speakers will be disabled.

⓬ AV IN (VIDEO/L-AUDIO-R)
- Connect a VIDEO cable to an appropriate external A/V device such a VCR, DVD or Camcorder.
- Connect audio cables to L-AUDIO-R on your TV and other ends to corresponding audio out jacks on the A/V device.

⓭ VIDEO (IN, OUT)
- The VIDEO IN is for Door Eye.

⓮ DATA
- Used to support data communication between the TV and the SBB.
- The TV jack type is RJ-12.

Display Modes

Both screen position and size vary depending on the type of monitor and its resolution.
The resolutions in the table are recommended.

– Optimal resolution is 1920 X 1080 @ 60 Hz.

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H / V)
IBM	640 x 350	31.469	70.086	25.175	+/-
	720 x 400	31.469	70.087	28.322	-/+
MAC	640 x 480	35.000	66.667	30.240	-/-
	832 x 624	49.726	74.551	57.284	-/-
	1152 x 870	68.681	75.062	100.000	-/-
VESA CVT	720 x 576	35.910	59.950	32.750	-/+
	1152 x 864	53.783	59.959	81.750	-/+
	1280 x 720	56.456	74.777	95.750	-/+
	1280 x 960	75.231	74.857	130.000	-/+
VESA DMT	640 x 480	31.469	59.940	25.175	-/-
	640 x 480	37.861	72.809	31.500	-/-
	640 x 480	37.500	75.000	31.500	-/-
	800 x 600	37.879	60.317	40.000	+/+
	800 x 600	48.077	72.188	50.000	+/+
	800 x 600	46.875	75.000	49.500	+/+
	1024 x 768	48.363	60.004	65.000	-/-
	1024 x 768	56.476	70.069	75.000	-/-
	1024 x 768	60.023	75.029	78.750	+/+
	1152 x 864	67.500	75.000	108.000	+/+
	1280 x 1024	63.981	60.020	108.000	+/+
	1280 x 1024	79.976	75.025	135.000	+/+
	1280 x 720	45.000	60.000	74.250	+/+
	1280 x 800	49.702	59.810	83.500	-/+
	1280 x 800	62.795	74.934	106.500	-/+
	1280 x 960	60.000	60.000	108.000	+/+
	1366 x 768	47.712	60.015	85.500	+/+
	1440 x 900	55.935	59.887	106.500	-/+
	1440 x 900	70.635	74.984	136.750	-/+
	1680 x 1050	65.290	59.954	146.250	-/+
VESA GTF	1280 x 720	52.500	70.000	89.040	-/+
	1280 x 1024	74.620	70.000	128.943	-/-
VESA DMT / DTV CEA	1920 x 1080p	67.500	60.000	148.500	+/+

– When using an HDMI/DVI cable connection, you must use the **HDMI IN 1 (DVI)** jack.
– The interlace mode is not supported.
– The set might operate abnormally if a non-standard video format is selected.
– Separate and Composite modes are supported. SOG is not supported.

Door Eye

– For CN/HK model only
– Door eye function works even piture menulock setted as ON in hotel option.
– In some conditions such as Auto storing, Picture Off, Power on Logo, etc., Door eye function does not work.

TV Controller

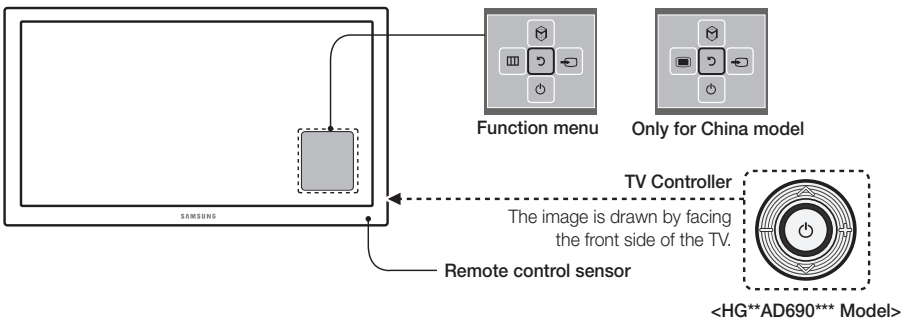
TV Controller is a multi directional button that helps navigate without using the remote control.

– Some functions which require a PIN code may not be available.

– The product colour, shape and menu OSD may vary, depending on the model.

– Exits the menu when pressing the controller for more than 1 second.

– When selecting the function by moving the controller to the up/down/left/right directions, do not to press the controller. If the controller is used first, you cannot operate it to move the up/down/left/right directions.



Power on	Turns the TV on by pressing the controller in standby mode.
Adjusting the volume	Adjusts the volume by moving the controller from side to side when the power is on.
Selecting a channel	Selects a channel by moving the controller up and down when the power is on.
Using the function menu	Press the controller when the power is on and the function menu appears. If you press it again, the function menu screen disappears.
Using the Menu	Selects the **MENU(** / **)** by moving the controller in the function menu screen. The OSD(On Screen Display) of your TV's feature appears.
Selecting the Source	Selects the **Source(** **)** by moving the controller in the function menu screen. The **Source** list screen appears.
Selecting the SMART HUB ( )	With the Function menu visible, select **SMART HUB** ( ) by moving the Controller upwards. The **SMART HUB** main screen appears. Select an application by moving the Controller, and then pressing the Controller.
Power Off	Selects the **Power Off( )** to turn the TV off by moving the controller in the function menu screen.

– To close the Menu, **SMART HUB**, or Source, press the Controller for more than 1 second.

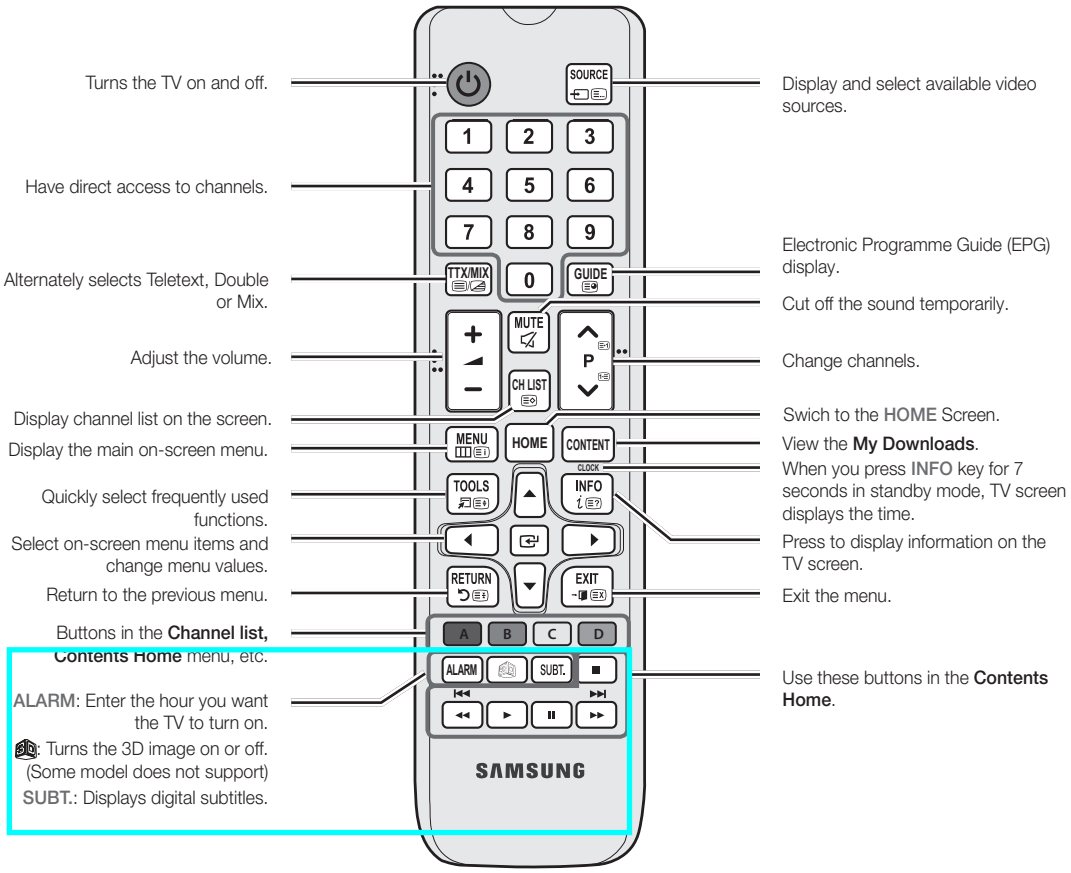
- **Standby mode**

Do not leave your TV in standby mode for long periods of time such as when on holiday. A small amount of electric power is still consumed even when the power button is turned off. It is best to unplug the power cord.

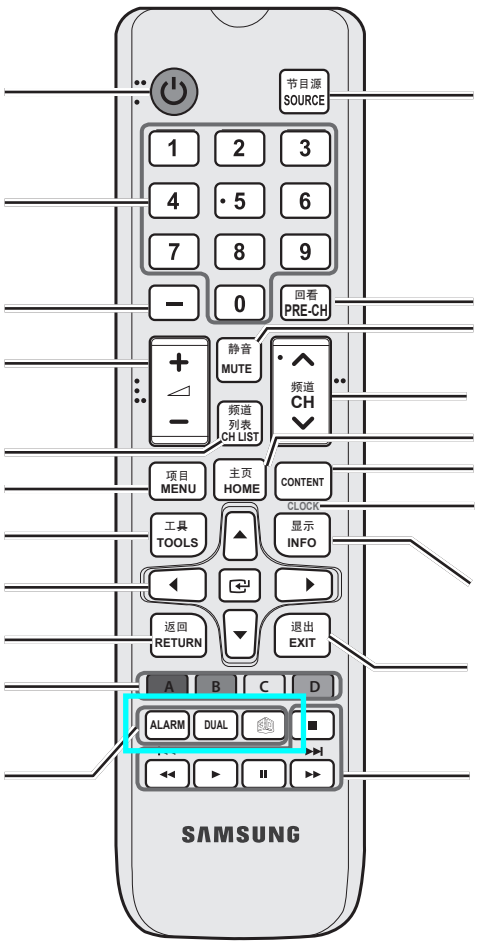
Viewing the Remote Control

– This is a special remote control for the visually impaired and has Braille points on the Power, Channel and Volume buttons.

Hong Kong model



CHINA model



Turns the TV on and off.

Gives direct access to channels.

Alternately selects Teletext, Double or Mix.

Adjusts the volume.

Displays channel lists on the screen.

Display the main on-screen menu.

Quickly selects frequently used functions.

Select on-screen menu items and change menu values.

Returns to the previous menu.

Buttons in the **Channel list**, **Contents Home** menu, etc.

ALARM: Enter the hour you want the TV to turn on.
DUALI-II: Sound effect selection.
: Turns the 3D image on or off.
(Some model does not support)

Displays and selects the available video sources.

Returns to the previous channel.
Cuts off the sound temporarily.

Changes channels.

Swich to the HOME Screen.

View the **My Downloads**.

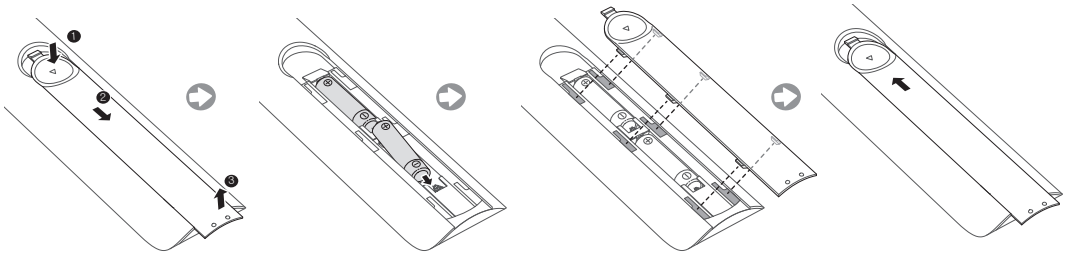
When you press INFO key for 7 seconds in standby mode, TV screen displays the time.

Press to display information on the TV screen.

Exits the menu.

Use these buttons in the **Contents Home**.

- **Installing batteries (Battery size: AAA)**



After you have installed the batteries, use a screwdriver to screw in the screw that holds the battery cover closed. (The Remocon may vary depending on the model.)

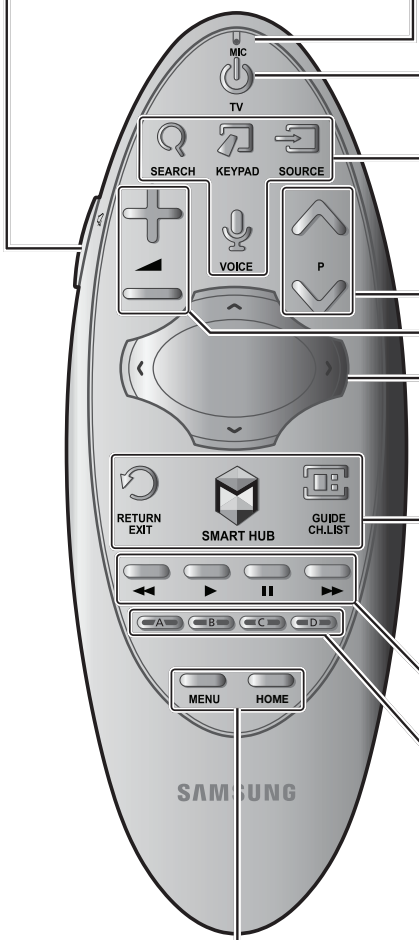
✎ **NOTE**

- Use the remote control within 23 feet of the TV.
- Bright light may affect the performance of the remote control. Avoid using nearby special fluorescent light or neon signs.
- The colour and shape may vary depending on the model.

Using the Samsung Smart Control

✎ The Samsung Smart Control may not be include, depending on the model.

: Turns the sound off and on.
Press and Hold this button to access Accessibility shortcuts.



Microphone: Use the microphone with the Voice Control and Voice functions.
The Voice Control function can be affected by unclear pronunciation, voice level, or surrounding noise.

Turns the TV on/off.

SEARCH: Press this button to use the search window. This is available with various services. Use recent-viewing history to check previously watched/accessed channels and contents. (Depending on models)

KEYPAD: With the virtual remote control on the screen, you can easily enter digits, control content, and use functions.

SOURCE: Changes the source.

VOICE: Starts voice recognition. When the microphone icon appears on the screen, say a voice command into the microphone. Say "Help" to learn about basic usage and voice commands.
Say a voice command 10 cm to 15 cm from the microphone and at an appropriate volume.

Changes the channel.

Changes the volume.

Touchpad: Place a finger on the touch pad and move the Samsung Smart Control. The pointer on the screen moves in the direction and as much as the Samsung Smart Control is moved. Tap on the touchpad to run the focused item.
▲ ▼ ◀ ▶: Moves the pointer or focus.

RETURN: Returns to the previous menu.

EXIT: Press and hold this button to exit all currently running applications.

SMART HUB: Launches Smart Hub. Pressing **SMART HUB** while an application is running terminates the application.

GUIDE: Displays the digital channel broadcasting schedule.

CH.LIST: Press and hold to launch the **CH.LIST**.

Controls for when viewing/playing a video, photo or music file or watching a recorded programme. You can also use the buttons to control contents from an external device.

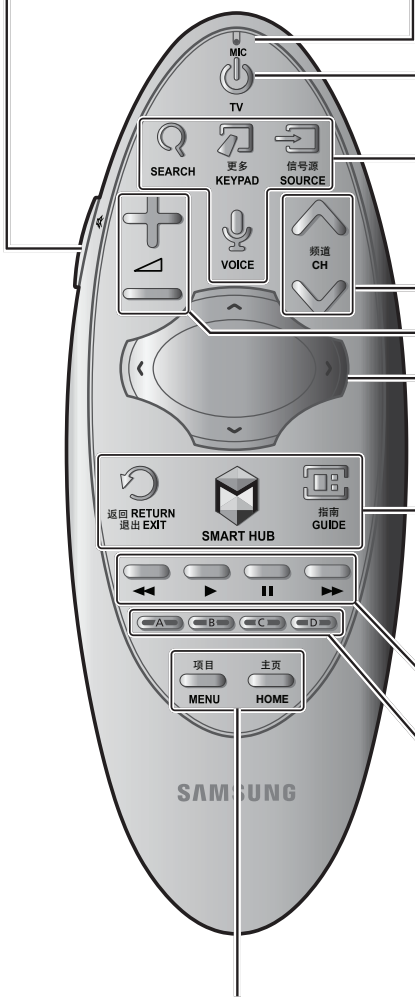
Colour button: Use these colour buttons to access additional options specific to the feature in use.

MENU: Displays the menu on the screen.

HOME: Only used in Widget TV.

CHINA model

: Turns the sound off and on.
Press and Hold this button to access Accessibility shortcuts



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Pairing the Samsung Smart Control

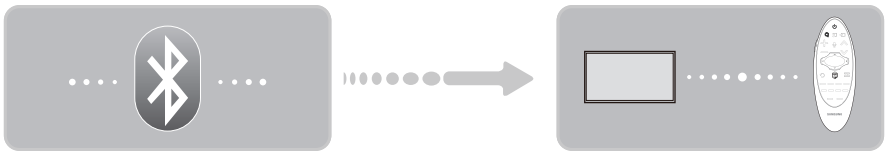
To control the TV with Samsung Smart Control, you need to pair Samsung Smart Control to the TV via Bluetooth. Pair Samsung Smart Control to the TV.

– Samsung Smart Control can only be paired to a single TV.

1 Point Samsung Smart Control at the remote control sensor of the TV and press the TV button to turn the TV on.

– Remote control receiver's location may vary depending on the model.

2. The Bluetooth icon will appear on the screen as shown below. The TV will then attempt to connect to the Samsung Smart Control unit automatically.



<Connection attempt and completion icons>

Reconnecting Samsung Smart Control

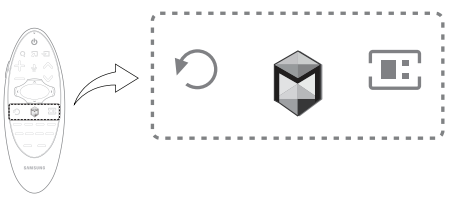
If the Samsung Smart Control stops operating or works abnormally, replace the batteries as this may be due to insufficient battery power.

If the problem persists, the Samsung Smart Control restore pairing with the TV.

1. Press **RETURN** button and **GUIDE** button simultaneously for 3 seconds.

– You have to control Samsung Smart Control apart from TV within 30cm ~ 40cm. But, you must place Samsung Smart Control toward to TV's remote control receiver.

2. Connection image is appeared on the screen. And then, Samsung Smart Control is connecting to TV automatically.



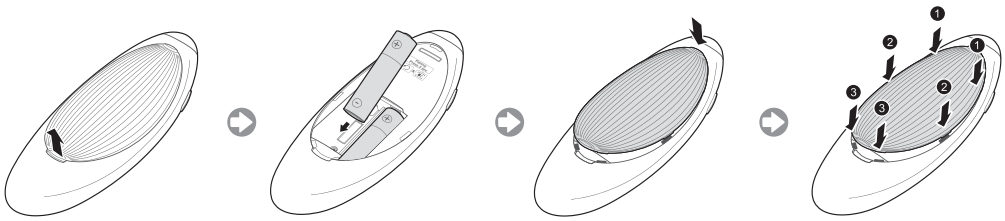
Low Battery Power Warning

When the Samsung Smart Control's battery power is low, the indicator shown (in the illustration) below appears on the bottom left of the TV screen. Replace the old batteries with new alkaline ones.

✎ NOTE

- Use the remote control within 7 feet of the TV.
- Bright light may affect the performance of the remote control. Avoid using nearby special fluorescent light or neon signs.
- The colour and shape may vary depending on the model.

Installing batteries (Battery size: AA)



1. Gently pull on the battery cover's notch and then remove the cover completely once it comes loose.
2. Insert 2 AA alkaline batteries, making sure to align the positive and negative polarities correctly.
3. Place the battery cover on the remote control and insert the top part of the cover into the remote control.
4. Press the catches on both sides of the battery cover in the order shown so that the cover is completely attached to the remote control.

Using the TV by Moving the Samsung Smart Control

The Samsung Smart Control has a motion sensor (gyro sensor) that allows you to easily control the TV by holding and moving the Samsung Smart Control.

After Placing a finger on the touchpad, a pointer appears on the screen. Hold and move the Samsung Smart Control. The pointer moves the same way the Samsung Smart Control is moved. It's also possible to scroll up and down on scrollable screens.

– If you remove the finger from touchpad, the screen pointer disappears.

Using the TV with the Touchpad

– Navigate to the **System** > **Smart Control Settings** menu and select the **Touch Sensitivity** option to change the touchpad sensitivity. If the touchpad sensitivity is too slow or fast, change the sensitivity using the **Touch Sensitivity** option.

Moving the Focus/Ponter

Press the directional buttons (up, down, left, and right) to move the pointer or focus in the direction.

Menu Access & Item Selection

Tap on the touchpad. This lets you access a TV menu or select an item.

Displaying the Channel List

Press and hold the touchpad while watching TV to bring up the Channel List on the screen.

Displaying the Context-sensitive Menu on Smart Hub

Tap and hold on the touch pad from the Smart Hub screen. The Options menu available to the selected item appears.

– The Options menu depends on the context.

Moving to the Smart Hub panel

On the Smart Hub screen, drag left or right on the touchpad. This transits the screen by panel.

Scrolling on the Web Browser

Drag up/down on the touchpad in the web browser screen. This scrolls through the web screen.

Displaying the Remote Control on the Screen (virtual remote control)

Press the **KEYPAD** button to display the virtual remote control on the screen. You can easily enter digits, control content, and use TV buttons with the virtual remote control.

– The virtual remote control buttons may vary depending on the TV's current status.

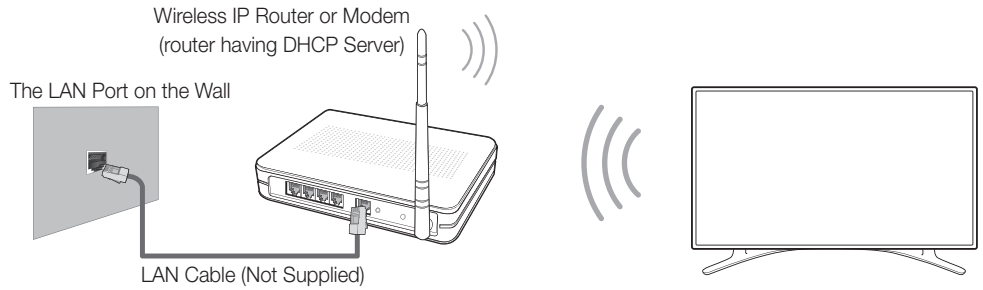
Connecting to the Network

You can set up your TV so that it can access the SMART TV applications through your local area network (LAN) using a wired or wireless connection.

– After you have “physically” connected your TV to your network, you must configure the network connection to complete the process. You can configure the connection after the Initial Setup process, through the Hotel Option.

Network Connection - Wireless

You can connect your TV to your local area network (LAN) through a standard wireless router or modem.



This TV supports the IEEE 802.11a/b/g and n communication protocols. Samsung recommends using IEEE 802.11n. When you play video over a network connection, the video may not play smoothly.

Most wireless network systems incorporate a security system that requires devices that access the network through an access point or AP (typically a wireless IP Sharer - router or modem) to transmit an encrypted security code called an access key.

Your TV is compatible with the following security protocols:

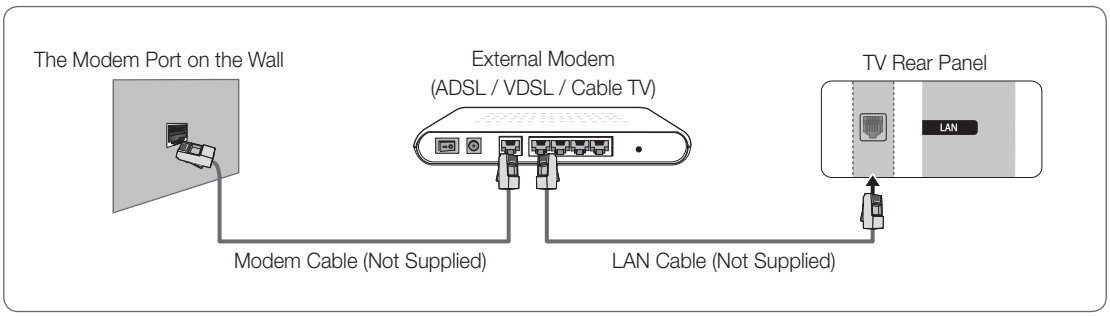
- Authentication Mode: OPEN, SHARED, WPAPSK, WPA2PSK
- Encryption Type: WEP, TKIP, AES

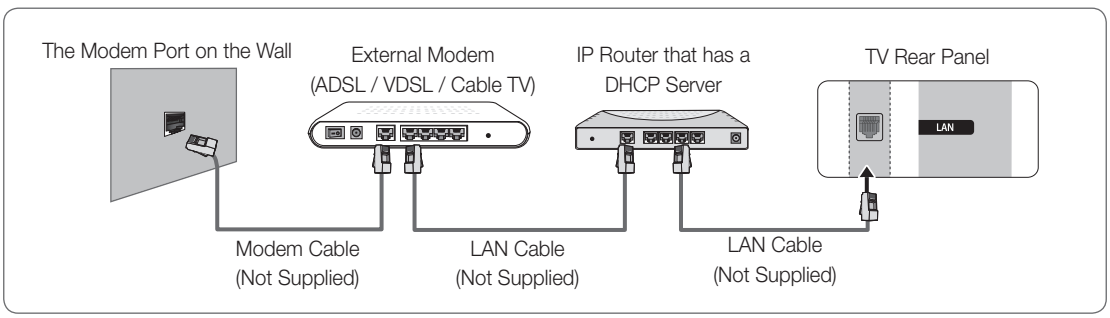
In compliance with the newest Wi-Fi certification specifications, Samsung TVs do not support WEP or TKIP security encryption in networks running in the 802.11n mode.

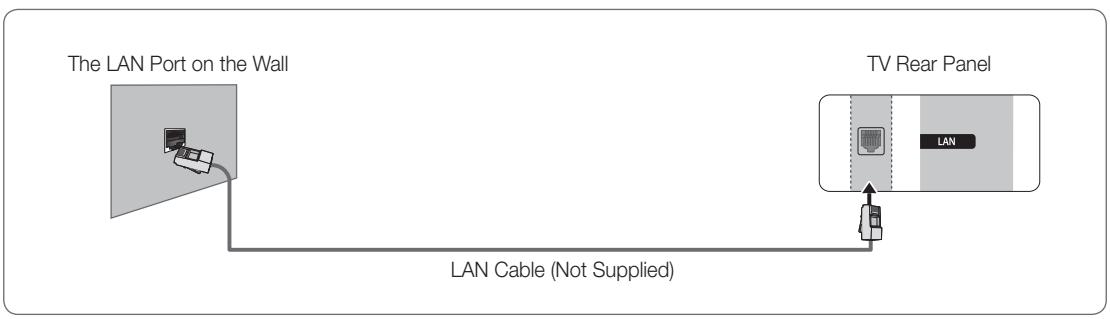
Network Connection - Wired

There are three main ways to connect your TV to your network using cable, depending on your network setup. They are illustrated below:

- **HD690U Model**



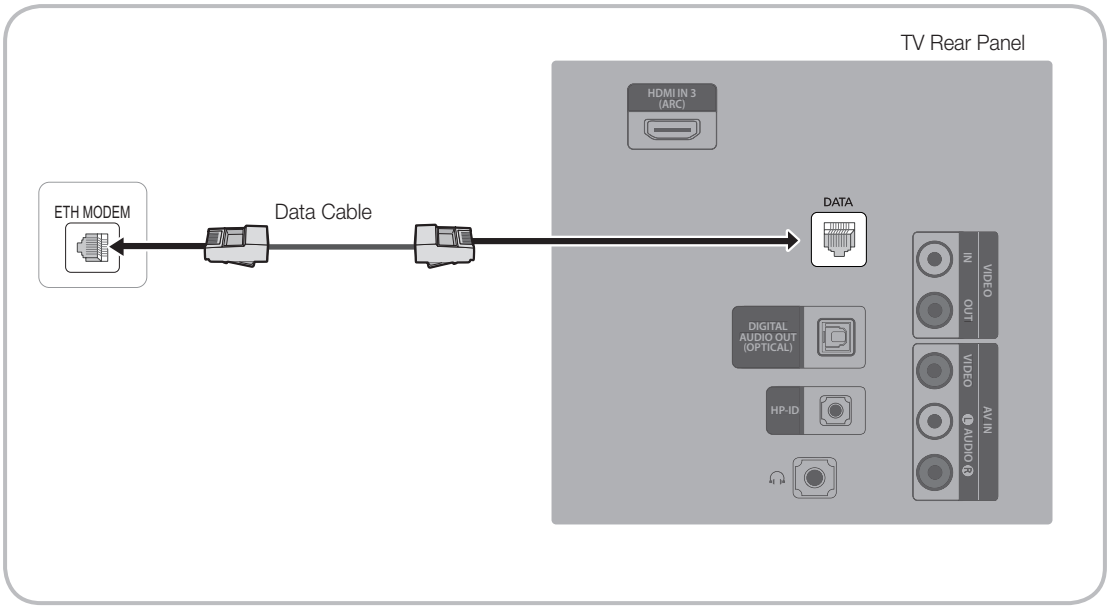




Connecting the TV with SBB

(Inlay sample may vary depending on the model.)

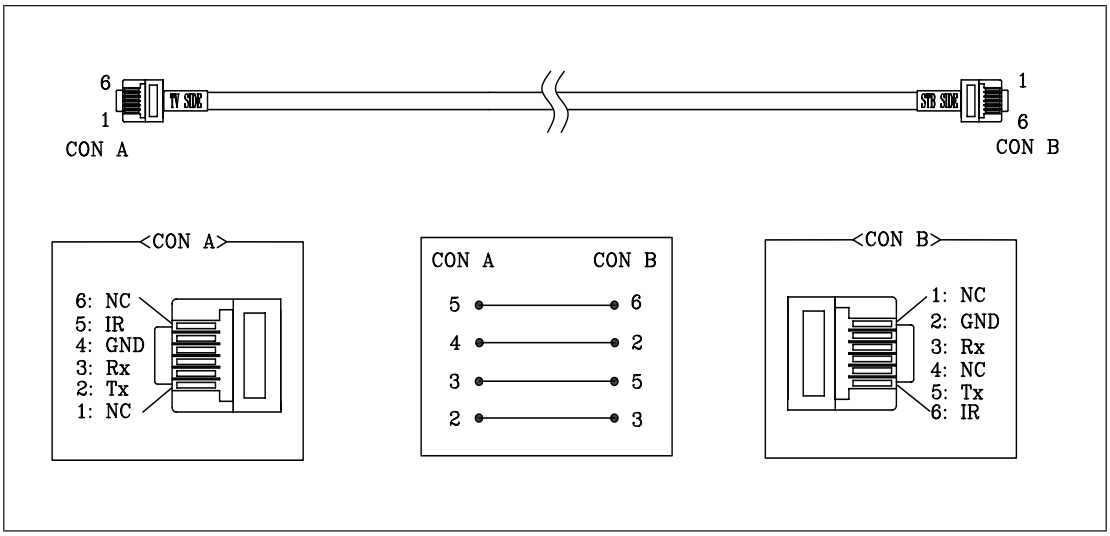
- **HD690U model**



1. Connect the **DATA** jack of the TV to the [ETH MODEM] jack of the STB (SBB) with the Data cable. (Some area does not supply data cable)
   – Use data communication.

List of Vendors and Compatible Data Cables Supplied with the TV (Some area does not supply data cable with TV)

Confirm you are using the correct data cable for your vendor. Refer to the code label on the data cables.



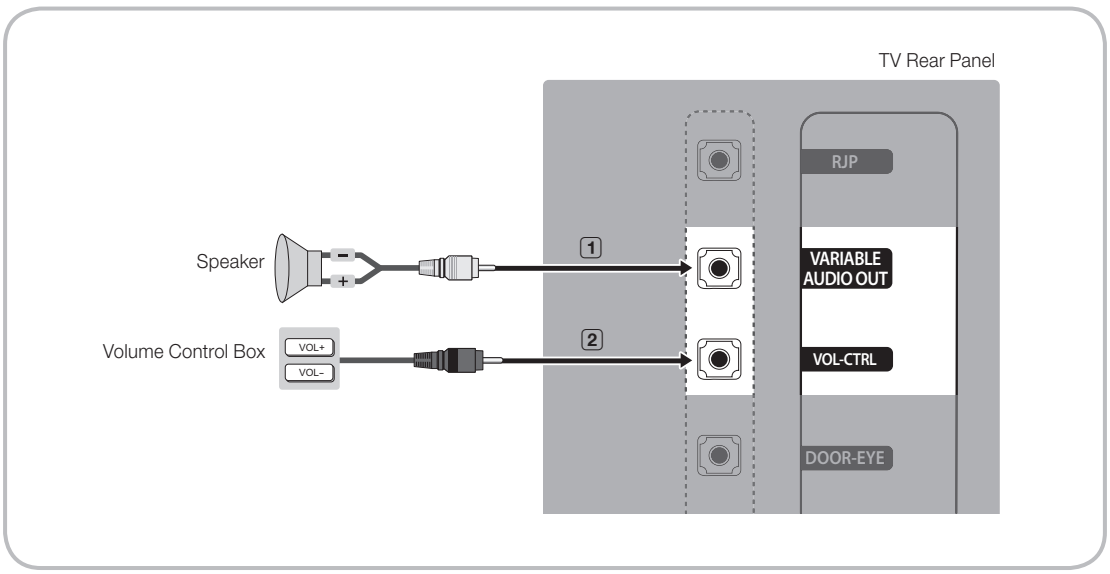
Connecting the Bathroom Speakers

You can connect the Bathroom Speakers using the following method.

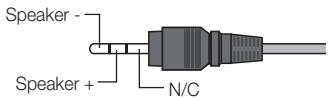
Connecting through the Variable Output (available without an external amplifier)

(Inlay sample may vary depending on the model.)

- **HD690U model**



1. Connect the **VARIABLE AUDIO OUT** port of the TV to the Bathroom Wall Speakers of the hotel.

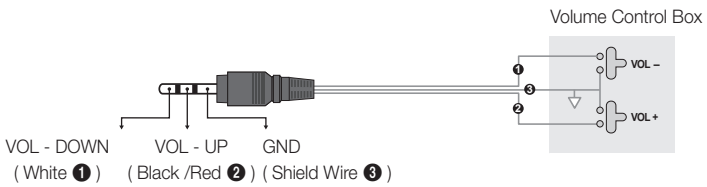


2. Connect the **VOL-CTRL** jack of the TV to the Volume Control Box Switch port on the Bathroom Wall of the hotel.
   - The maximum speaker output is 4W, 8Ω.
   - The **VARIABLE AUDIO OUT** port supports **MONO** sound out only.

- **Installing the Volume Control**
  - If you configure the Volume Control Box as shown in the figure, you can control the volume of the bathroom speakers.
  - The jack that connects the Volume Control Box to the TV is a 3.5mm normal Phone jack.
  - Volume Control Box switch is a Tact switch.

    ✎ Setting the Sub AMP Mode
  - 0: Turns the Sub AMP function off (PWM off).
  - 1: Determines the Sub volume according to the main volume control. the sub volume is determined according to the Power On Volume, the Min Volume, and the Max Volume values of Hotel Mode.
  - 2: Determines the volume according to the bathroom control panel setting.

- **Variable Output Port Specifications**
  - **Speaker Wire**: Use speaker cable no more than 82 feet (25m) in length.



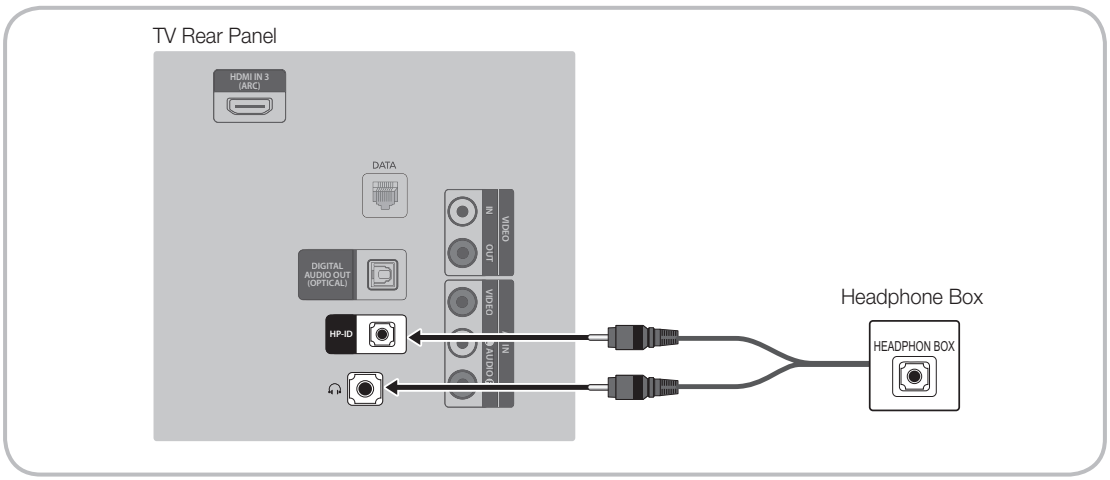
Audio Loop In

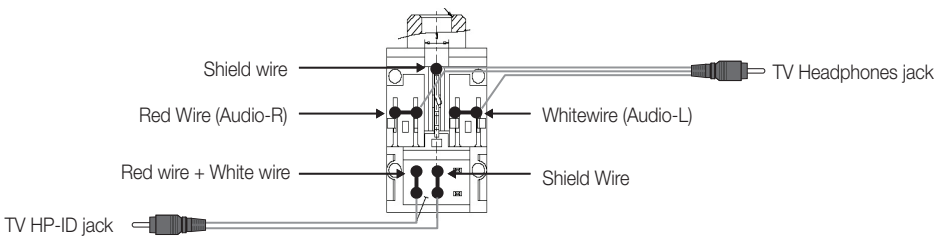
An addition Headphone Box can be installed on a bed or business desk for added convenience. The installation procedures are given below.

- **Detailed Drawing of the Headphone Box.**

(Inlay sample may vary depending on the model.)

- **HD690U model**



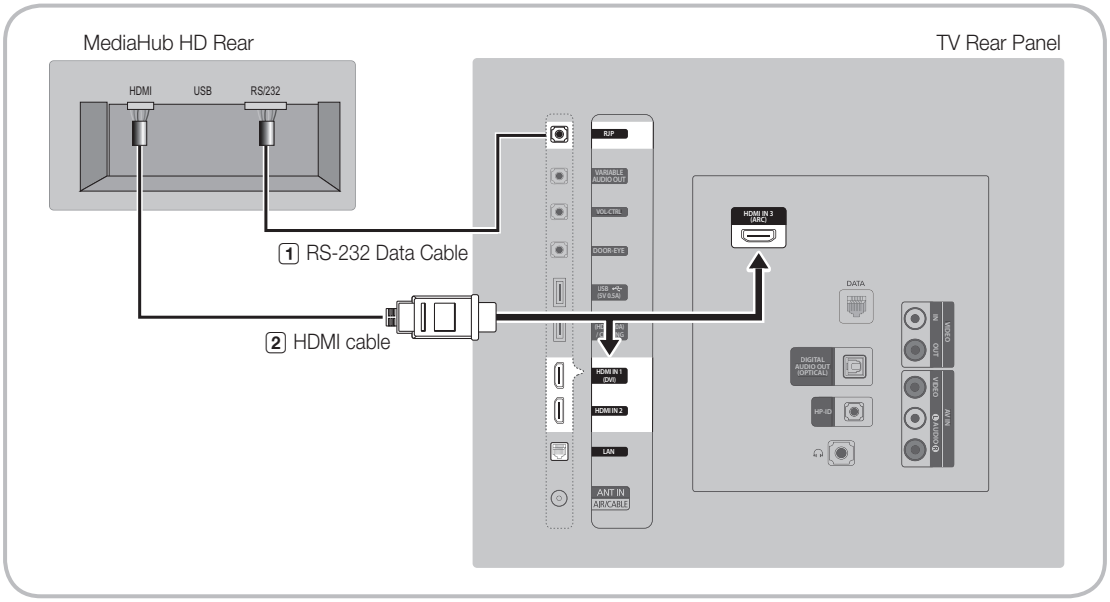


<Headphone Box>

Connecting the MediaHub HD

Output to any external source connected to MediaHub HD on the hotel desk.
(Inlay sample may vary depending on the model.)

- **HD690U model**



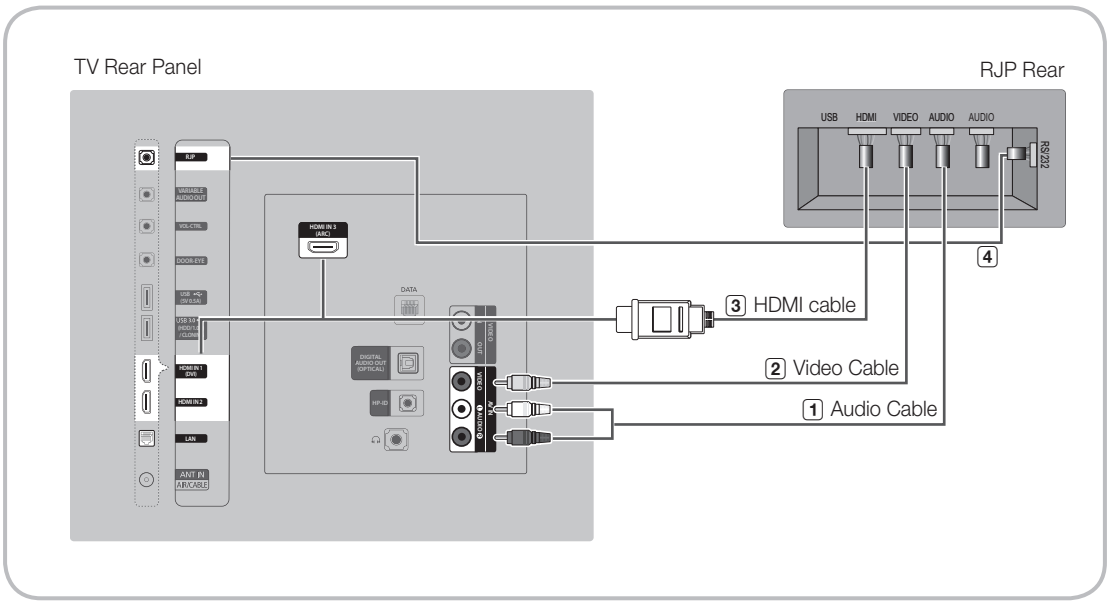
- **MediaHub HD**
  - The MediaHub HD is a hardware module that has different Audio Video inputs (A/V, Audio, HDMI and USB) and corresponding outputs. The corresponding output sources connect from MediaHub to the TV. MediaHub communicates with the TV via RS232. Hot Plug & Play is a function that allows hotel guests to connect an external source to the MediaHub. MediaHub communicates with the TV by sending messages regarding Active/Inactive sources. The TV switches to the Active external source.
  - You have to connect the HDMI of the MediaHub to the **HDMI** port of the TV.
  - When the TV is on, connect the TV and the RJP within 10 seconds.

- **Special features**
  - Plug & Play
  - Auto Detection

Connecting the RJP (Remote Jack Pack)

Output to any external source connected to RJP on the hotel desk.
(Inlay sample may vary depending on the model.)

- **HD690U model**



- **RJP (Remote Jack Pack)**: RJP stands for Remote Jack Pack. The RJP is a hardware module that has different Audio Video inputs (A/V, Audio and HDMI) and corresponding outputs. The corresponding output sources are connected from RJP to TV. The RJP communicates with the TV via RS232. Hot Plug & Play is a function that allows hotel guests to connect an external source to the RJP. The RJP communicates with the TV by sending messages regarding Active/Inactive sources. The TV will switch to the Active external source according to the priority set by the User.

  ✎ When the TV is on, connect the TV and the **RJP** within 10 seconds.

- The RJP can be returned to the factory default settings by pressing the A/V and HDMI buttons simultaneously for 10 seconds. All LEDs blink 5 times to acknowledge that this has been finished.
- The RJP will automatically turn off any LEDs after 5 minutes to avoid unnecessary light pollution in the hotel room. The LEDs that were turned off will turn on again if the guest touches any of the buttons and the 5 minute timer will restart. If the guest then touches another source button, the TV will change to the selected source and the corresponding LED will be lit.
- After an RJP Reset or a TV Power OFF/ON, it takes approx. 10 seconds to establish communications between the TV and the RJP.
- The following table shows the approximate time in seconds to switch from the TV to the input source, based on the priority.

  ✎ Scenario 1: When no inputs are connected.

Source	To Connect
AV	2 Sec
HDMI	3.9 Sec

  ✎ Scenario 2: When two or more inputs are connected and an Input source is disconnected and then reconnected.

Source	Disconnect	To Connect	Total
AV	4.5 Sec	2 Sec	6.5 Sec
HDMI	3.9 Sec	3.9 Sec	7.8 Sec

  ✎ E.g. If the RJP has all its live sources AV and HDMI connected, AV is viewed as the highest priority. If the RJP is in HDMI mode, and a guest removes and reconnects the AV, the minimum time required to switch to the AV is 6.5 seconds.
- To connect audio (Ipod or Mp3), Music mode should be ON.
- A/V and HDMI input sources are supported.

Setting the Hotel Option Data

To Enter: Press the **MUTE** → 1 → 1 → 9 → **ENTER** ↵ buttons in order. (From the Hospitality mode, the Standalone mode is set.)

To Exit from this menu : power off and turn on again.

✎ Depending on Model and Region, some menus do not exist on the TV set.

✎ Hotel factory menu is for Hotel option data setting only. Normal user operation should be strictly prohibited.

No	Hotel TV Function			Description
	Category		initial value	
1	Hospitality Mode		Standalone	Select the Hotel TV mode. (Standalone / Interactive)
2	SI Vendor		OFF	Select the SI Vendor.
3	Power On	Power On Channel	Last Saved	Set the default values that will be applied when the TV is turned on. – User Defined : Lets you set Power On Channel and Channel Type manually. See Power On Channel and Channel Type below. – Last Saved : If you select this item, when the TV is turned on, it displays the channel it was displaying when it was turned off.
		Power On Channel Num	...	When the TV is turned on, it switches automatically to this channel.
		Power On Channel Type	...	Provides channel type description for Power On channel selected. – ATV: Selected channel analog selection(Air). – DTV: Selected channel Digital & Antenna selection(Cable).
		Power On Volume	Last Saved	– User Defined : Lets you set the Power On Volume manually. See Power On Volume below. – Last Saved : When the TV is turned on, it returns to the volume that had been set when the power had been turned off.
		Power On Volume Num	...	The TV turns on with this Volume Level in Stand Alone Hospitality mode.
		Min Volume	0	Minimum Volume Level setting user can set.
		Max Volume	100	Maximum Volume Level setting user can set.
		Power On Source	TV	Select the Input source when TV is turned on initially.
		Power On Option	Last Option	Power On(AC Power On) Option. – Standby : Stand-By Mode – Power On : Power On – Last Option : Last Power On State
4	Channel	Channel Setup		User can set channel option. Such as Auto Tunning, Manual Tunning, Antenna setting.
		Channel Editor		Provided option for editing Channel Name , Number and video. Mute settings for channels in channel List.
		Mixed Channel Map	ON	Mix Air and Cable Channels. – ON: Both of Air and Cable can watch and display in Channel Map. – OFF: Through Channel Map only can select Air or Cable channel to watch.
		Dynamic SI	OFF	– OFF : No Check of the DTV Program channel information. (DTV channel editor accessible, but addtional channel Program number auto update not supported) – ON : Check the DTV Program channel information. (DTV channel editor inaccessible)
		Channel Rescan Message	ON	This is a display option for the OSD text that appears when a user configures the country specifications in hotel models. This option determines whether to activate the items that are only executed after a manual user confirmation when the notification message is displayed while the country specifications are being configured. – ON : When TV has an event for setting change because of country spec, It will be shown on the screen. – OFF : Even TV has an event for setting change, because of country spec, it will not be shown on the screen.
		Mychannel	OFF	Set the My channel function **ON/OFF**.
		Genre Editor	...	User can set the genre for searched channel.
5	Menu OSD	Picture Menu Lock	OFF	Enable or disable the Picture Menu.
		Menu Display	ON	– ON : Main Menu display. – OFF: Main Menu No display.
		Channel Menu Display	OFF	– ON : Channel menu display. – OFF : Channel menu no display.

No	Hotel TV Function			Description
	Category		initial value	
5	Menu OSD	Panel Button Lock	Unlock	Front panel(Local key) operation on/off. – Unlock: Unlock All panel key. – Lock: Lock All panel key. – OnlyPower: Lock All panel key except Power panel key. – Menu/Source: Lock Menu and Source panel keys. Front panel (Local key) only can realize Volume+/-, Channel+/-, Power **ON/OFF** function.
		Home Menu Display	OFF	– OFF : The Home Menu is not displayed. – ON : The Home Menu is displayed.
		Home Menu Editor	...	Enter to Home Menu editor interface.
		Home Menu Auto Start	...	– OFF : The Home Menu is Auto Start. – ON : The Home Menu is not Auto Start.
6	Clock	Clock Type	OFF	– OFF : Close SW Clock. – SW Clock : Open SW Clock .
		Local Time	Manual	Selection of the way to update clock data. – Manual: Manual: Set clock manually when the TV is in stand-alone mode. – Time Channel: Use clock data from a DTV channel to set the clock automatically.
		Timer Type	WakeUp	WakeUp: Timer type is wakeup mode.Set specific time for the TV to turn on automatically. On/Off: Timer type is On and Off mode. Set TV to turn itself on or off automatically at a specified time.
7	Music Mode	Music Mode AV	OFF	To get music output from an mp3 / audio player through an AV Input Source. When on, you can hear sound from the player through the TV even there is no video signal. The TV's backlight, however, remains on. And add a video signal,it works normally.
		Music Mode Backlight	OFF	Backlight On/Off option in Music mode to save energy.
8	Remote Jack Pack	Priority AV	1	If the jack priority is set, the corresponding source is automatically set when a jack is inserted according to the jack priority.
		Priority HDMI	3	If the jack priority is set, the corresponding source is automatically set when a jack is inserted according to the jack priority.
		AV Option	AV	Select RJP AV Source. (Source selection depends on Model).
		HDMI Option	HDMI1	Select which HDMI source of the TV is connected to the RJP jack. (HDMI1/ HDMI2/HDMI3)
9	External Source	Video Out	ON	– ON : Video out function on. – OFF : Video out function off.
		USB Pop-up Screen	Default	When a USB device is connected to the TV : – Default : A popup window appears. – Automatic : Opens the USB contents menu automatically. – Disable : Neither the popup window nor the menu appears.
		External Source Banner	ON	User can set External Source Banner to On or Off. – ON : When TV Power On or Mode changed, TV will display the external source banner. – OFF : When TV Power On or Mode changed, TV will not display the external source banner.
		Auto Source	OFF	– OFF : Auto Source is off. – ON : When an external source is connected to the TV, the TV will auto ident and switch to the input source.
		Anynet+Return Source	Power On Src	Set the return source after closing Anynet+. – Power On Src: Return to Power On Src. – Last Source: Return to Last Source. – TV : Return to TV. – HDMI1: Return to HDMI1. – HDMI2/DVI: Return to HDMI2/DVI. – HDMI3: Return to HDMI3. – AV : Return to AV.

No	Hotel TV Function			Description
	Category		initial value	
10	Bathroom Speaker	Sub Amp Mode	2	Determines the Sub AMP operation mode. – 0 : Turns the Sub AMP function off (PWM off). – 1 : Determines the Sub volume according to the main volume control. That is, the sub volume is determined according to the Power On Volume, the Min Volume, and the Max. – 2 : Determines the volume according to the bathroom control panel setting. • HG890V model only can select 0 and 1.
		Sub Amp Volume	6	Sub AMP Volume level at power on initial condition.
11	HP Management	HP Mode	OFF	For the specific situation, pls see the table below.
		Default HP Volume	…	
		Main Speaker	ON	
12	Eco Solution	Energy Saving	OFF	This feature adjusts the brightness of the TV in order to reduce power consumption. – Off : Turns off the energy saving function. – Low : Sets the TV to low energy saving mode. – Medium : Sets the TV to medium energy saving mode. – High : Sets the TV to high energy saving mode.
13	Logo /Message	Welcome Message	OFF	Display Welcome Message.
		Edit Welcome Message		Edit Welcome Message.
		Hospitality Logo	OFF	User can set the logo display Off or the type of logo file(BMP/AVI). (Can't use at the same time with "Welcome Message")
		Hospitality Logo DL	...	Download the logo file from USB toTV.
		Logo Display Time	...	Set the logo display time (3/5/7 Seconds).
14	Cloning	Clone TV to USB		USB Clone: TV → USB
		Clone USB to TV		USB Clone: USB → TV
		Setting Auto Intialize	OFF	When Setting Auto Initialize is set to On, and the power is turned off and on or the Master Power is turned off and on, the data is restored to the cloned values. If there is no cloned value, even when the Setting Auto Initialize is set to On, it will be ignored and the operation will be the same as that whenSetting Auto Initialize is set to Off.
15	REACH Solution	REACH 3.0	OFF	– OFF : Close REACH 3.0. – ON : Open REACH 3.0.
		REACH 2.0	OFF	– OFF : Close REACH 2.0. – ON : Open REACH 2.0.
		REACH Channel	...	87:Assign a DTV channel number to carry the update REACH data. This channel number must be the same as the number set on the Reach server.
		Group ID	...	All:Select the group ID of the REACH server. (Refer to the REACH server manual for more details)
		Ticker	OFF	– ON : The TICKER content is displayed. – OFF : The TICKER content is not displayed.
		REACH Update Time	...	Lets you set when data such as updated SW, cloning files, and S-LYNC REACH contents is downloaded from the REACH server to the TV : – hour : Every hour. – 2hour : Every 2 hours. – 12:00 am : every 12:00 a.m. – 2:00 am: every 2:00 a.m. – 12:00 pm : every 12:00 p.m. – 2:00 pm : every 2:00 p.m.
		REACH Update Immediate	...	– ON : Whenever the TV enters standby mode (the power cord is plugged in and the power is off), the REACH data is updated on the TV. – OFF : The REACH data is only updated on the TV at the REACH server update time.
		Room Number	…	Setting Room Number.
		REACH 2.0 TV Sound	...	– OFF: Close REACH 2.0 TV Sound. – ON: Open REACH 2.0 TV Sound.
		REACH 2.0 Server Version	...	0000: Displays the current REACH data version.
16	Network	Network Setup		Set IP address to establish Internet connection.
		SmartHub Model Setting		Set Hotel ID.
		SmartHub Setting		Enter to Smart Hub setting interface.

No	Hotel TV Function			Description
	Category		initial value	
17	Widget Solution	Widget Mode	OFF	Widget Mode On and Off.
		Solution Type	...	Select the solution type. (It depends on model -Vendor Server, SINC Server).
		Server URL Setting	...	Setting the server URL.
		License Server IP Setting	...	Setting the server IP.
		IPTV Mode	...	Use the IPTV mode. (it depends model - Only IPTV model support it).
		Virtual Standby	...	Use the virtual standby mode or not. When Virtual Standby On, TV power consumption will be 9.5W to 17.4W (Depends on inches).
		Instant On	...	The fast TV booting mode On/Off.
		Room Num Setting	...	Setting Room Number.
18	Door Eye	Door Eye Mode	OFF	Door Eye function ON and OFF.
		Door Eye Jack	...	The VIDEO IN Jack is for Door Eye.
		Prompt OSD	...	Prompt OSD mode ON and OFF. – On: The OSD which is asking if you want the output will be displayed. • If the user press 'Yes', door image will be displayed in PIP or Full screen. • If the user press 'No', Door Eye function will not work. – Off: OSD will not be displayed and automatically changed to PIP or Full size screen.
		Source Return Time	...	Setting the time that decide how long will be displayed the door image.
19	System	Self Diagnosis for TV		Enter Self Diagnosis Menu. – Picture Test: Use to check for picture problems. If the problem appears in the test picture, select Yes and follow the directions on the screen. – 3D Picture Test: Use to check for 3D picture problems. If the problem appears in the test picture, select Yes and follow the directions on the screen. – Sound Test: Use the built-in melody sound to check for sound problems. If the problem occurs during the test, select Yes and follow the directions on the screen. – Channel information: check up every channel information. – Reset: Self Diagnosis for TV state reset.
		Self Diagnosis for HTV		HD Function Check Menu On Executing Item Below OSD is diaplayed. – STB SI Vendor Setting: SI Name Success/Failure – Bathroom AMP: Success/Failure – RTC: Success/Failure
		SW Update		SW USB Update function
		Service Pattern	OFF	Same function with SVC Service Pattern
		Sound Bar Out	OFF	– ON: TV speaker sound will be mute. Sound will come out through HDMI. You must connect the Sound Bar to hear the sound(HDMI3). – OFF: Sound will come out through TV speakers normally.
		Contact Samsung		Samsung Contac information
		TV Reset		Factory reset

– If user edit extermal source to channel list, when TV power on by external source, TV does not show my channel OSD after power on. In menu, the broadcast item is dim, user can choose genre mode by channel list.
– If the hotel does not use cable and air antenna both, the Mix Channel Map option should be set as "Off".

HP Mode	Main Speaker	Mute ON/ OFF	TV Action	Output	Remarks
ON	ON	OFF	Power ON	Main Speaker Sound - YES (Last Saved/User defined vol. level applied)	
				HP Sound - N/A	
ON	ON	OFF	Volume up/down	Main Speaker - volume level changes as per volume OSD	
				HP Sound - N/A	
ON	ON	ON	Mute	Main Speaker - Mute	
				HP Sound - Yes - Sound level applied from HP Volume level in Hotel Option Menu.	
ON	ON	ON	volume up/down	Main Speaker Sound - No (Mute)	
				HP - volume level up/down as per current HP volume	
ON	ON	OFF	Unmute	Main Speaker Sound - Yes.	
				HP Sound - N/A	
Greyed	OFF	OFF	Power ON	Main Speaker Sound - No (Mute)	It is similar to Normal working except that Headphone is connected forcefully even if Headphone is not connected physically.
				HP Sound - YES (HP vol. level from Factory applied)	
Greyed	OFF	OFF	Volume up/down	Main Speaker - Mute	
				HP - volume level up/down as per current HP volume	
Greyed	OFF	ON	Mute	Main Speaker - Mute (No Action)	
				HP - Change to Mute	
Greyed	OFF	ON	volume up/down keeping Mute state	Main Speaker Sound - No (Mute)	
				HP - volume level up/down as per current HP volume	
Greyed	OFF	OFF	Unmute	Main Speaker Sound - No (Mute)	
				HP - Yes(volume level as per current HP volume)	
OFF	ON	OFF	Power ON	If HP Management is OFF, forcefully set Main Speaker as OFF. (If HP management OFF, working is same as Normal HTV working.)	Same as Headphone Connected/disconnected case with No HP Management feature.
OFF	ON	OFF	Volume up/down		
OFF	ON	ON	Mute		
OFF	ON	ON	volume up/down keeping Mute state		
OFF	ON	OFF	Unmute		

Using the Soccer Mode

Soccer Mode TOOLS

Menu → System → Soccer Mode → ENTER

This mode provides optimized condition for watching sports games.

- A (**Zoom**): Pause playback and divide the picture into 9 parts. Select a part to zoom it in. Press this button again to resume.

✎ When the **Soccer Mode** is on, the Picture and sound modes are set to Stadium automatically.

✎ If you turn the TV off while watching **Soccer Mode**, the **Soccer Mode** will be disable.

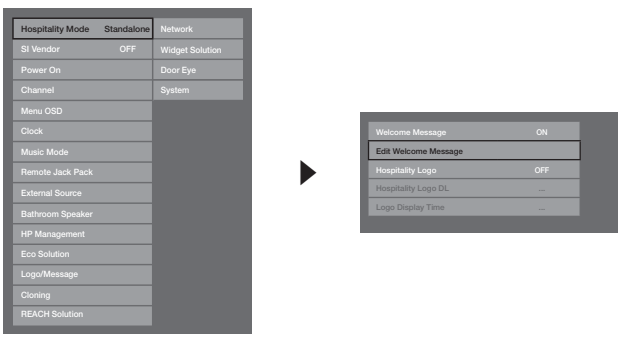
✎ When the **Data Service** is running, the Zoom is not available.

Welcome Message

The welcome message is used to display custom messages on the TV every time it is turned on by a Guest in Hotel room.

– Welcome message settings are found in the Hotel Option Menu.

– Welcome message should be ON in order to display the message on power-on.



– message can be up to 25 characters and can be edited by changing the text in the Hotel Service menu.

– The following is the list of characters supported by Welcome message:

✎ In Capital letters, from A-Z

– The welcome message can be edited by using the navigation, colour & enter key on the Remote in the “Edit Welcome Message” OSD.

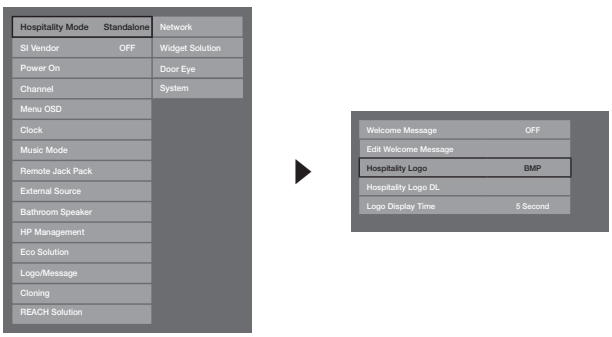
Edit Welcome Message
W E L C O M E _
A B C D E F G
H I J K L M N
O P Q R S T U
V W X Y Z
A Move to Left
B Move to Right
C Level Black
D Done
Move
Enter
Return

– Welcome message and hotel logo cannot be active at the same time.

Hotel Logo

The Hospitality Logo function displays the Hotel's picture image when the TV is initially powered on.

- Hospitality Logo settings are the Hospitality mode menus.
- The Logo Download and Logo Display Menu items are enabled when you turn the Hospitality Logo option on.
- If there is a logo image stored in memory and the Hospitality Logo option is on, the Hospitality logo is displayed when the TV is turned on.
- The Hospitality logo is not displayed when the Hospitality found Logo option is off, even if the logo image has been loaded into the TV.



- **Hospitality Logo**
  - This option lets you choose whether the Hospitality Logo image is displayed or not.
  - The Initial value is OFF.
  - This Can be set to OFF or ON.
  - When set to ON, the Logo Download and Logo Time Display menu items become accessible.

- **Hospitality LOGO DL**
  - This option lets you download the logo image to the TV's memory from a USB device.
  - A wait message appears while the image is being copied to the TV.
  - A "completed" message appears when the copy operation finishes successfully.
  - The word "failed" appears if the copy operation was unsuccessful.
  - No USB appears if no USB device is connected.
  - No File appears if there is no file to copy on the USB device or or the file is in the wrong format (must be a BMP file). If No File appears and you have a logo file on the USB device, check the file format.

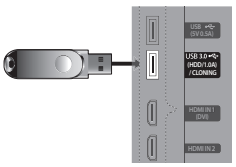
- **Logo File Format**
  - The TV supports only the BMP and AVI format.
  - The file name must be samsung.bmp or samsung.avi.
  - The maximum resolution of the BMP format is 1280 x 720.
  - The maximum file size for AVI format is 50MB.
  - The TV does not change the size or scale of the image.

USB Cloning

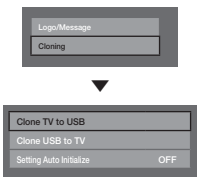
USB Cloning is used to download user-configured settings (**Picture, Sound, Input, Channel, Setup**, and **Hotel Setup**) from one TV set and upload them to other TV sets.

All the user-defined settings from the TV (Master Set) can be copied to the USB device.

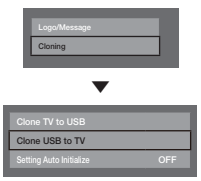
- **Cloning from TV to USB**: This copy the stored data from the TV set to the USB device.



1. Insert a USB drive into the USB port on the rear of the TV.
2. Enter Hotel Option by pressing buttons in order.
   – MUTE → 1 → 1 → 9 → ENTER
3. Press the ▲ or ▼ button to select "**Clone TV to USB**", then press the ENTER button.
4. When the message "**Clone TV to USB**" is displayed, press the ENTER button.
5. You can Make sure USB cloning behavior.
   – **In Progress**: during copying data to USB.
   – **Completed**: copy operation was finished successfully.
   – **Failed**: copy operation was not finished successfully.
   – **No USB**: any USB is not connected.



- **Cloning from USB to TV**: This downloads the stored data in the USB device to TV set.



1. Insert a USB drive into the USB port on the rear of the TV.
2. Enter Hotel Option by pressing buttons in order: MUTE → 1 → 1 → 9 → ENTER
3. Press the ▲ or ▼ button to select "**Clone USB to TV**", and then press the ENTER button.
4. When the message "**Clone USB to TV**" is displayed, then press the ENTER button.
5. You can Make sure USB cloning behavior.
   – **In Progress**: during copying data to TV.
   – **Completed**: copy operation was finished successfully.
   – **Failed**: copy operation was not finished successfully.
   – **No USB**: any USB is not connected.
   – **No File**: there is no file to copy on the USB.

✎ If you insert the USB device when the TV is on, a pop-up window may appear. If this occurs, press Exit, and then continue.

For fast, instant cloning during installation,
insert a USB driver with master settings from the first TV and press the Enter key for 5 seconds.

Setting Auto Initialize

When you clone settings from one TV to another, you clone both the guest side menu and hotel side menu settings : Picture, Sound, Input, Channel, Setup, and Hotel Setup). This lets you set nearly all of the menu values on your hospitality TVs to the same, standard settings. If you allow guests access to the guest side menus, for example-the Picture menu, they can change the settings in those menus so they are no longer standard. If you set the Setting Auto Initialize function to on, the TV automatically restores (initializes) any guest-side menu values to the cloned, standard values when the TV is turned off and then turned on again. Note that Setting Auto Initialize works on cloned guest side menu values only. Settings which have not been cloned are ignored.

The table below lists the settings that are restored to their cloned values when you set the Setting Auto Initialize function to on. Depending on Model and Region, some menus do not exist on the TV set.

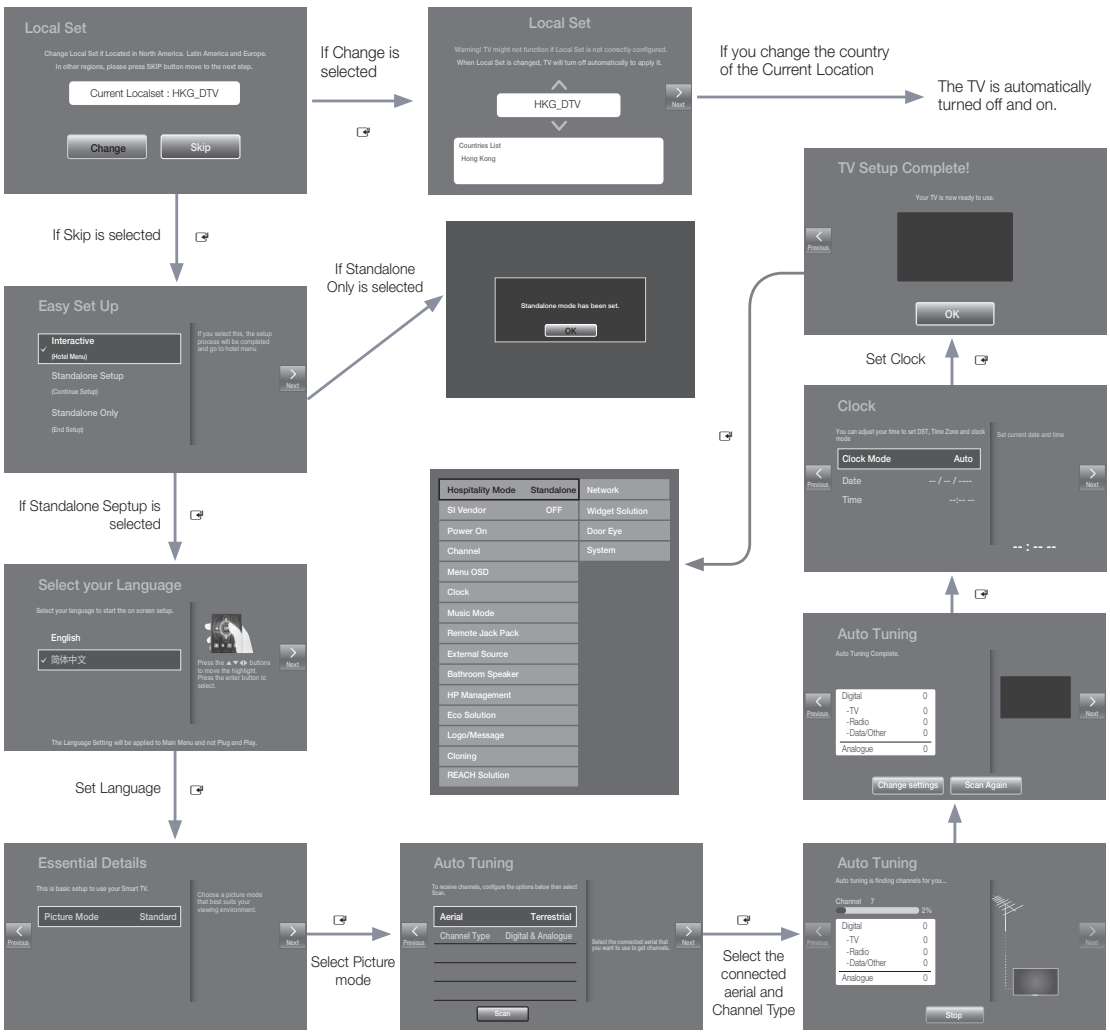
Menu	Menu Item
Picture	Picture Mode Blacklight Constrast Brightness Sharpness Colour Tint(G/R) Apply Picture Mode Picture Size Picture Size Zoom/Position Auto Adjustment 3D(60" 65" 75" include) PIP Advanced Settings Dynamic Constrast Black Tone Flesh Tone RGB Only Mode Colour Space White Balance Gamma Motion Lighting Picture Options Colour Tone Digital Clean View MPEG Noise Filter HDMI Black Level Film Mode Motion Plus Analogue Clean View Picture Off Reset Picture
Sound	Sound Mode Standard Music Movie Clear Voice Amplify Sound Effect DTS TruSurround DTS TruDialog Equaliser 3D Audio(60" 65" 75" include) Speaker Settings Additional Settings DTV Audio Level Audio Format Audio Delay Dolby Digital Comp Auto Volume Reset Sound

Menu	Menu Item
System	Accessibility Voice Guide Audio Description Subtitle Menu Transparency High Contrast Enlarge Soccer Mode Menu Language Smart Control Settings Voice Control Language Use TV Voice Voice Gender Device Manager Keyboard Settings Mouse Settings Time Clock Sleep Timer Wake-up Timer Eco Solution Energy Saving Eco Sensor No Signal Power Off Auto Power Off Smart Security Smart Security Scan Isolated List Allowed List Settings Auto Protection Time Change PIN General Game Mode BD Wise Sound Feedback Boot Logo Samsung Instant On Anynet+(HDMI-CEC) Anynet+(HDMI-CEC) Auto Turn Off Search for Devices DivX® Video On Demand

Plug & Play

Hotel Plug & Play automatically performs Hotel mode selection, Country Setup, Clock Setup and Picture mode Setup.

- Hotel Plug & Play is available only one time when power is first turned ON.
- This is available after first setting up the TV and transferring Clone TV data to a USB drive.
- To use Next TV, you only need to exit Hotel Plug & Play, connect the USB, then Clone the USB to TV.
- If you change the country of the Current Location, the TV will automatically turned off and on. Please wait patiently for the Plug & Play appears again.
- Depending on model and region, some menus may not exist.



- **Plug & Play OSD**
  - Initial Highlight: Interactive
  - If Standalone Only button is selected, the Standalone hotel mode is set by default and “Standalone mode is set” OSD is displayed for 3 seconds.
  - TV enters into RF mode automatically after displaying “Standalone mode is set” OSD for 3 seconds.
  - When Interactive mode is selected, Interactive Setup Menu is displayed. Press power off button to exit from Interactive menu.
  - When Standalone Plug & Play mode is selected, “Select Menu Language” OSD is displayed.

- **LocalSet**
  - Initially highlighted: HKG_DTV
  - If you press the Enter key after selecting Change, you can change the country.
  - If the country is changed, the TV automatically turns off and on.
  - If you select the Interactive mode, the Interactive Setup Menu is displayed. Press the power off key to exit from the Interactive menu.
  - If you select the incorrect country, execute TV Reset again after entering the Service section of the Hotel Menu.

- **Select Menu Language OSD**
  - If your select Standalone setup from "Easy Set up" OSD, "Select your Language" OSD is displayed.
  - Initially highlighted: 简体中文
  - Display time: OSD time out and operation are the same as Samsung's consumer TV models.
  - If you press the Enter key, the “Picture Mode” OSD appears

- **Picture Mode OSD**
  - Initially highlighted: Standard.
  - The TV displays the Picture Mode OSD where you can choose the Dynamic or a Standard Picture mode.

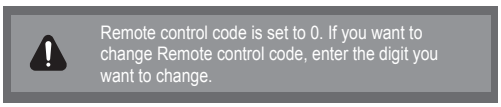
- **Auto Search Mode OSD**
  - If you press the Enter key, the TV automatically searches for channels.
  - The OSD Display time, which starts when the Auto Store operation is completed and continues until the Auto Sort function starts, is 30 seconds.

- **Set Clock Mode**
  - Initially highlighted:
  - Clock Mode : Auto
  - If the TV will be tuned to digital broadcast channels, and these channels transmit date and time information, set the Clock Mode to Auto. The TV will set the date and time automatically.
  - If the TV will not be tuned to digital broadcast channels, set the Clock Mode to Manual, and then set the date and time on the TV manually.

Multi Code Remocon

Multi Code Remocon is a special transmitter which is designed to control each TV with one remote.
This is useful where there is more than one TV in a location, such as in a hospital The set ID Set ID number is displayed in source osd. It is possible to support up to 9 different remote key transmissions for multiple codes.
Each TV has an initial code of "0".

- The ID code can be set and reset in Analog TV mode. (not available in TTX channel or DTV channel)
- ID code can be from 0 to 9.
- Press the **RETURN+MUTE** over 7 seconds and then select the number button to set the code.
- Set ID OSD will be displayed in central position.
- The following words appear: “Remote control code is set to x. If you want to change Remote control code. Enter the digit you want to change.” X is the digit number This OSD displays until Exit is pressed.

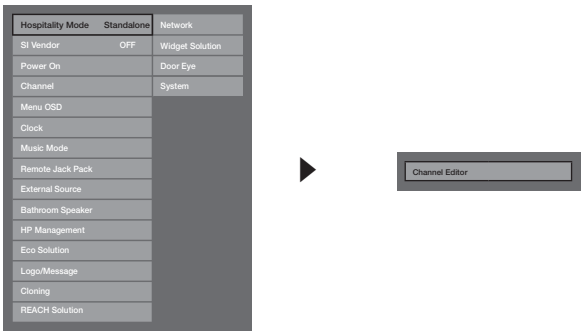


- For example, TV and Remote will be set to ID code #1 if the user presses #1.
- The following words appear: “Remote control code is changed to 1” Then TV can be controlled only by the remote with the same ID code as the TV.
- If ID code does not match between remote and TV, TV unit do not give ANY respond.
- To reset the ID code, press the Yellow key for over 3 seconds. the ID code for both the TV and Remote are reset to “0”. “Remote control code is set to 0.” appears.

Channel Editor

Channel Editor to edits channel number and name.

– Use Channel Editor to sort the channels as user-desired channel numbers.



<Depending on model and region, some menu items may not exist>

- **Simple Steps for channel Editor under Stand-alone Mode**

Step	Broad Outline
1	Operate ‘Channel Auto Store’ in Hotel Option Menu
2	Enter ‘Channel Editor’ in Hotel Option Menu
3	Compile a table related to the final channel lists you want to have
4	Rearrange channels with the **TOOLS** Button based on the table you compiled
5	Press the **EXIT** or **RETURN** Button to exit.

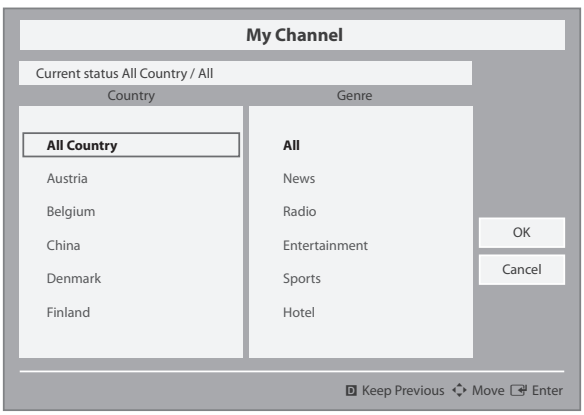
My Channel

Determines the country and genre for the channels provided by the hotel, and if the user selects a country and genre, shows the corresponding channels.

- You must select the country first, or you can not set a genre.
- If you select the genre without adding any channels, the channel list displays all of the available channels.
- My Channel works in Standalone mode only.
- The option only works when it is set to On.

Channel Composition [Genre Mode]

Standard	Category	Ch. Mode	Antenna Mode Activation		Description
			Air/Cable	Satellite	
Hotel	Genre	All (Default)	O	O	Provide genre channel mode by each country that master has managed in factory mode.
		News	O	O	
		Radio	O	O	
		Entertainment	O	O	
		Sport	O	O	
		Hotel	O	O	



* For the number of items to be displayed in the list, refer to the design document.

- **Key Guide**

Button	Action	Nav. Help
BLUE	Returns to the screen. (Genre setup: Last Country & Genre)	Keep Previous
ENTER	Selects an item.	Enter
Ch. Up/Down	Move the highlight by page.	(No Guide)
UP/DOWN	Navigates the each country, genre list. (in a circular manner.)	Move
RIGHT	Selects the highlighted item, and then move the highlight to Genre section.	
RETURN	Returns to the screen. (Genre setup: Last Country & Genre)	(No Guide)
EXIT	Returns to the screen. (Genre setup: Last Country & Genre)	(No Guide)

✎ Notes

- This section describes the layout of the Front UI that appears when the TV is turned on.
- The genre is a sub-list for each country.
- The broadcast screen that was being displayed the last memorial channel.
  - If user want to keep the previous country & genre channel map, press the 'BLUE', **RETURN**, and **EXIT** remote-control key to close the Front UI.

✎ Etc.

- Default Highlight : Last Memory items (Country, Genre)
- If Power on source is TV ,the My channel OSD timeout is 60 sec. If user does not close the UI manually, it will appears about 60s even if you switch to other input source.
- The My channel OSD cannot be operated by Mouse.
- In Genre mode,Guide Page channel list title named "All Channels".

- **Elements**

No	Name	Description
1	Background Screen	• Displays the last memorized channel that appears when TV is turned on.
2	Function Title	• This is name of the function.
3	Current Status	• Display current settings the Country/Genre.
4	Country Items	• The item for the country list is displayed. • Displays the last selected country.
5	Genre Items	• The item for the genre list is displayed. • Displays available genre items by each country that master managed in factory mode. (always provide 'All' item) • Displays the last selected genre.
6	Highlight	• If the item title is too long to be displayed within the area, Auto Text Sliding works.
7	Indicator	• This is displayed when there is a previous or next page.
8	Nav. Help	• The key guide is right-aligned.

Mixed Channel Map

Mixed Channel Map is a function to mix Air, Cable channels.

– Mixed channel Map should be ON in order to mix Air, Cable channels.

– Use Channel Editor to sort the channels after turning on 'Mixed channel Map' in Hotel Option Menu.

(Only for Hong Kong and China model)

Sound Bar

- **Samsung Sound-Bar & Hospitality TV**
  - Samsung Sound-Bar & hospitality TV support HDMI 1.4 to listen to TV sound on the Sound-Bar by using a single HDMI cable.
  - Supporting model.
    - ✎ Sound-Bar : HW-E350/E450/E550

- **Operation of “Hotel mode” in Sound Bar**
  - The following items for the TV’s hotel option menus should be set in advance.
    - ✎ Hotel option → Power On → Power ON Volume = "User Defined" / Power On Volume Num / Max Volume
    - ✎ Hotel option → System → Sound Bar Out = "On"
  - Connect an HDMI cable from the HDMI OUT port of Sound-BAR to the HDMI IN3(ARC) port of hospitality TV.
  - After being connected to the 2014 hospitality TV via HDMI Cable, when the TV turns on, the Sound-Bar automatically detects the TV and then converts to “hotel mode” by itself.
  - The change with power-on volume & max volume on TV is applied to the connected sound-bar since TV boots twice.

- **Features of "Hotel MODE" in Sound-BAR**
  - Synchronized power on/off with TV.
  - HDMI_CEC enabled.
  - Accessible “HDMI OUT” port only. (Other inputs are disabled)
  - Synchronizing “power-on”&“max” volume with the TV the Sound-Bar’s volume is set at half of the TV
  - Adjustable “power-on”&“max” volume acquired from the TV’s hotel option menu. Sound-Bar volume=TV volume/2 Example. If the volume settings in TV are “power-on volume=20 and max volume=90”, the Sound bar will operates at volume=10, max volume=45.

*This function may differ depending on the model.

SIRCH

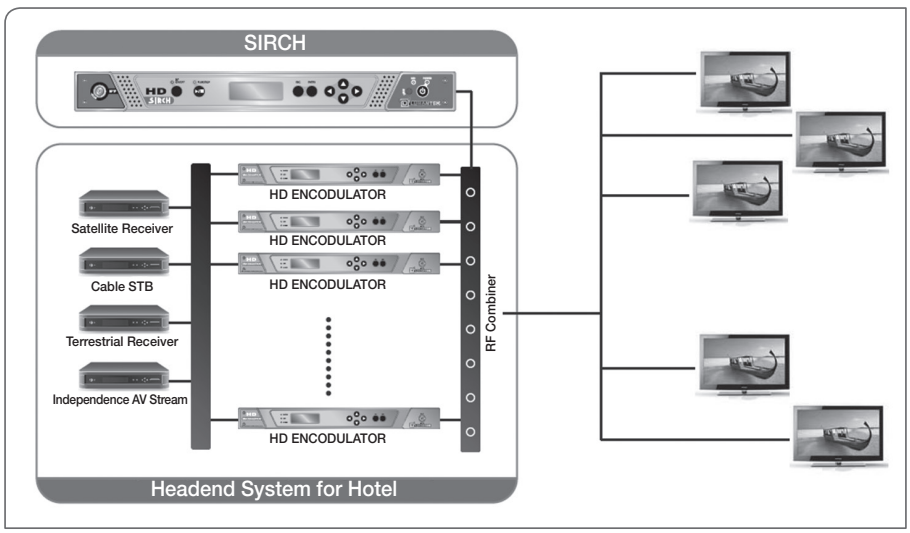
- **Introduction**

  SIRCH (Samsung Interactive Remote Control for Hospitality) is a professional interactive remote controller for DTV that lets you deliver TV firmware updates, cloning data, and channel mapping changes to several hundred hospitality TVs simultaneously. Mounted at the broadcast head-end system in hotels, motels, resorts, hospitals, and apartment buildings, it delivers modulated RF control signals to hospitality sets in each guest room through coax cable.

  SIRCH includes cable RF modulators which have DVB-C (Europe) and OpenCable (North America) RF output. It also has a 40GB Solid State hard drive, and a 100/1000 Base-T Ethernet port which lets you load TV firmware updates.

  ✎ SIRCH is sold separately.

- **System Block Diagram (eg. Headend System in Hotel)**



- **Features**
  - SIRCH Windows Application SW
  - Remote Upgrade (TV Software, Cloning Data, Channel Map)
  - Operation can be controlled by key button, extra key board, monitor, and mouse.
  - Low Phase noise, High MER, 50~870MHz, +7 ~ -30dBm RF output.

- **Cautions**
  - SIRCH can operate only in TV RF mode. (OpenCable QAM Modulation).
  - You can install SIRCH only on TVs in stand-alone mode. (Power On Source should be TV).
  - SIRCH operates only when the SIRCH application version is higher than the TV's SIRCH version.
  - You must check the SIRCH application version to ensure it is compatible with the TV firmware version.
  - The SIRCH function is not supported for satellite channels.
    (To use the SIRCH function in satellite models, make sure to set the Power On Channel to an Air or Cable channel.)

Installing the Wall Mount

The wall mount kit (sold separately) allows you to mount the TV on the wall. For detailed information on installing the wall mount, see the instructions provided with the wall mount. Contact a technician for assistance when installing the wall mount bracket. We do not advise you to do it yourself.

Samsung Electronics is not responsible for any damage to the product or injury to yourself or others if you elect to install the TV on your own.

- **Wall Mount Kit Specifications (VESA)**

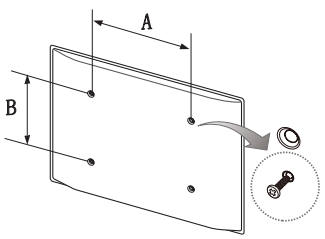
✎ The Wall mount kit is not supplied but sold separately.

Install your wall mount on a solid wall, perpendicular to the floor. When attaching to other building materials, please contact your nearest dealer. If installing on a ceiling or slanted wall, it may fall and result in severe personal injury.

✎ **NOTE**

- Standard dimensions for wall mount kits are shown in the table below.
- When purchasing our wall mount kit, a detailed installation manual and all parts necessary for assembly are provided.
- Do not use screws that do not comply with VESA standard screw specifications.
- Do not use screws longer than the standard dimensions, as they may cause damage to the inside of the TV set.
- For wall mounts that do not comply with the VESA standard screw specifications, the length of the screws may differ depending on their specifications.
- Do not fasten the screws too tightly. This may... damage the product or cause the product to fall, leading to personal injury. Samsung is not liable for these kinds of accidents.
- Samsung is not liable for product damage or personal injury when a non-VESA or non-specified wall mount is used or the consumer fails to follow the product installation instructions.
- Do not exceed a 15 degrees tilt when mounting this TV.

Product Family	TV size inch	VESA screw hole specs (A * B) in millimeters	Standard Screw	Quantity
HD690U	55~75 inch	400 x 400	M8	4



Do not install your Wall Mount Kit while your TV is turned on. It may result in personal injury due to electric shock.

Securing the TV to the Wall

Caution: Pulling, pushing, or climbing onto the TV may cause the TV to fall. In particular, ensure that your children do not hang over or destabilize the TV; doing so may cause the TV to tip over, resulting in serious injuries or death. Follow all safety precautions provided on the included Safety Flyer. For added stability, install the anti-fall device for safety purposes, as follows.

- **To avoid the TV from falling**

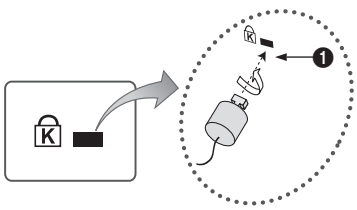
1. Put the screws into the clamps and firmly fasten them onto the wall. Confirm that the screws have been firmly installed onto the wall.
   - ✎ You may need additional material, such as an anchor, depending on the type of wall.
   - ✎ Since the necessary clamps, screws, and string are not supplied, please purchase these additionally.
2. Remove the screws from the centre back of the TV, put the screws into the clamps, and then fasten the screws onto the TV again.
   - ✎ Screws may not be supplied with the product. In this case, please purchase the screws of the following specifications.
3. Connect the clamps fixed onto the TV and the clamps fixed onto the wall with a strong string and then tie the string tightly.
   - ✎ NOTE
     - Install the TV near to the wall so that it does not fall backwards.
     - It is safe to connect the string so that the clamps fixed on the wall are equal to or lower than the clamps fixed on the TV.
     - Untie the string before moving the TV.
4. Verify that all connections are properly secured. Periodically check connections for any sign of fatigue for failure. If you have any doubt about the security of your connections, contact a professional installer.

Anti-theft Kensington Lock

The Kensington Lock is not supplied by Samsung. It is a device used to physically fix the system when using it in a public place. The appearance and locking method may differ from the illustration, depending on the manufacturer. Refer to the manual provided with the Kensington Lock for additional information on proper use.

To lock the product, follow these steps:

✎ Please find the "🔒" icon on the rear of the TV. A kensington slot is beside the "🔒" icon.



<Optional>

1. Wrap the Kensington lock cable around a large, stationary object such as desk or chair.
2. Slide the end of the cable with the lock attached through the looped end of the Kensington lock cable.
3. Insert the locking device into the Kensington slot on the product (❶).
4. Lock the lock.

✎ These are general instructions. For exact instructions, see the User manual supplied with the locking device.

✎ The locking device has to be purchased separately.

✎ The location of the Kensington Lock may be different depending on the model.

Specifications

Display Resolution	1920 x 1080		
Environmental Considerations			
Operating Temperature	10°C to 40°C (50°F to 104°F)		
Operating Humidity	10% to 80%, non-condensing		
Storage Temperature	-20°C to 45°C (-4°F to 113°F)		
Storage Humidity	5% to 95%, non-condensing		
Stand Swivel (Left / Right)	(55") No (65" 75")		
Model Name	HG55AD690U	HG65AD690U	HG75AD690U
Screen Size	55 inches (138 cm)	65 inches (163 cm)	75 inches(189cm)
Power Consumption			
Normal operation	125 W	110 W	185 W
Standby	0.5 W	0.5 W	0.5 W
Sound (Output)	10 W × 2		
Dimensions (WxHxD)			
Body	1242.6 x 718.5 x 50.1 mm	1463.5 x 844.5 x 51.4 mm	1688.9 x 972.2 x 66.0 mm
With stand	1242.6 x 774.3 x 226.5 mm	1463.5 x 944.6 x 295.9 mm	1688.9 x 1034.4 x 355.3 mm
Weight			
Without Stand	15.8 Kg	23.5 Kg	36.5 Kg
With Stand	18.7 Kg	27.7 Kg	42.5 Kg

Design and specifications are subject to change without prior notice.

✎ The above specifications may differ depending on the model.

Contact SAMSUNG WORLDWIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

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